FORM 1090. **B** M
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3088

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SLAIDBURN
SADDLE HILL
1931 — 36

780506

*** The following register of mont
&c., is NOT required if daily
values are given on the other s

and also the space for
gister should be sent:—

RAINFALL IN 193

At Slaidburn. Saddle-
In the County of Yorkshire
Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 2 *ft.*
Height of Ground above Sea Level

in Summer 9 a.m
9½ m's Direction from gauge SSE.
3½ m's Direction from gauge S.S.E.

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	7·00				
FEB.	7·35				
MAR.	·65				
APRIL	5·50				
MAY	4·25				
JUNE	7·50				
JULY	5·10				
AUG.	5·00				
SEPT.	4·20				
OCT.	2·30				
NOV.	9·60				
DEC.	6·00				
Total	64·45				

Signature

*See Instruction 2 (*f*) below.

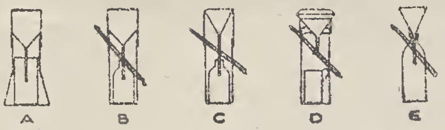
Directions from gauge ..

If gauge has been moved during the year state—

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** M
S

3088

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Slaidborn. Saddlehill

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 2 *ft* 6 *in.*
Height of Ground above Sea Level 1475 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·00				
FEB.	7·35				
MAR.	·65				
APRIL	5·50				
MAY	4·25				
JUNE	7·50				
JULY	5·10				
AUG.	5·00				
SEPT.	4·20				
OCT.	2·30				
NOV.	9·60				
DEC.	6·00				
Total	64·45				

Signature

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
[illegible]
[illegible]

Hour of observation by the clock—in Winter 9a.m. in Summer 9a.m

Nearest Railway Station Chatborn Distance 9½ m's. Direction from gauge SSE.

Nearest Parish Church at Slaidborn. Distance 3½ m's. Direction from gauge S.S.E.

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace*, ·01, ·02, *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3088

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Slaidburn. Saddle Hill

In the County of Yorks. W.R.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 2 *ft.* 6 *in.*
Height of Ground above Sea Level 1475 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·50				
FEB.	·25				
MAR.	4·30				
APRIL	5·50				
MAY	5·30				
JUNE	1·50				
JULY	6·50				
AUG.	~~7·30~~ (2.30)				
SEPT.	~~8·00~~ (9.00)				
OCT.	8·50				
NOV.	3·20				
DEC.	3·00				
Total	55·85				

Signature

Deputy. BOROUGH & WATER ENGINEER, BLACKBURN.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

August 1" high } allocate as above
Sept 1" low }

August & September allocated by surrounding stations. 10/5/33

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110

3088

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Saddle Hill Slaidburn

In the County of Yorks. W.R.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 2 *ft.* 6 *in.*
Height of Ground above Sea Level 1475 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	3·30				
FEB.	4·50				
MAR.	3·00				
APRIL	2·20				
MAY	2·20				
JUNE	3·30				
JULY	6·20				
AUG.	3·00				
SEPT.	2·30				
OCT.	5·50				
NOV.	2·70				
DEC.	(·80) ~~·30~~				
Total	(39·00) ~~38·50~~ ✓				

Signature W. Pickstone

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
W. Pickstone, A.M. Inst C.E Boro Water Engineer
Town Hall Blackburn

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station Clitheroe Distance 9½ ms Direction from gauge SSE.

Nearest Parish Church at Slaidburn Distance 3½ ms Direction from gauge SSE.

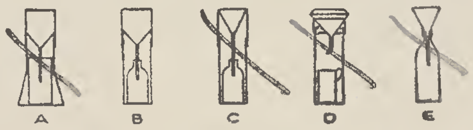
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

906 sent 28/6/34 suggesting ·80" for December. Adjusted by surrounding stations.

N [illegible] by [illegible] 1/7/34 accept our values

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Slaidburn, Saddle Hill.

In the County of York (West Riding)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 2 *ft* 6 *in.*
- *Height of Ground above Sea Level* 1475 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·50				
FEB.	·50				
MAR.	2·00				
APRIL	2·30				
MAY	4·20				
JUNE	2·80				
JULY	2·20				
AUG.	7·50				
SEPT.	3·30				
OCT.	7·50				
NOV.	2·50				
DEC.	8·00				
Total	48·30		[illegible]	[illegible]	

Signature W. Pickstone

*See Instruction 2 (*f*) below.

C Particulars of Station.

3088

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Borough Water Engineer
Town Hall, Blackburn.

Hour of observation by the clock—in Winter 9 am in Summer 9 am.

Nearest Railway Station Chatburn Distance 9½ miles Direction from gauge SSE

Nearest Parish Church at Slaidburn Distance 3½ miles Direction from gauge S.SE

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

[illegible]

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

M.O. 7
28 FEB 1935

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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5088

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Slaidburn, Saddle Hill

In the County of York, West Riding

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 2 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1475 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·30				
FEB.	8·00				
MAR.	2·50				
APRIL	4·40				
MAY	1·40				
JUNE	4·65				
JULY	2·57				
AUG.	2·01				
SEPT.	11·80				
OCT.	10·50				
NOV.	5·50				
DEC.	3·06.				
TOTAL	58·69.	[illegible]			

Signature

BOROUGH & WATER ENGINEER,
BLACKBURN.

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Borough and Water Engineer,
Town Hall, Blackburn

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Chatburn Distance 9½ miles Direction from gauge S.S.E.

Nearest Parish Church at Slaidburn Distance 3½ miles Direction from gauge S.S.E.

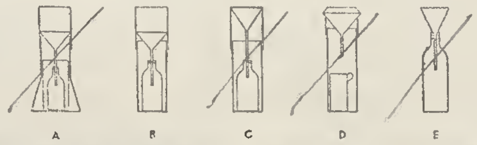
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

1934 up very low

M.O. 7
31 JAN 1936

0

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3088

FORM 1090. **B** Monthly Summary.

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1936

At Saddle Hill

In the County of West Riding of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 2 *ft* — *in.*
- *Height of Ground above Sea Level* 1475 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·90				
FEB.	1·80				
MAR.	2·90				
APRIL	·95				
MAY	1·30				
JUNE	3·70				
JULY	6·30				
AUG.	3·35				
SEPT.	6·60				
OCT.	4·80				
NOV.	7·35				
DEC.	6·20				
Total	49·15 ✓				

✓

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Borough and Water Engineer,
Town Hall, Blackburn.

Hour of observation by the clock—in Winter 9.0 AM. in Summer 9.0 A.M.

Nearest Railway Station Chatburn Distance 9½ miles Direction from gauge S.S.E.

Nearest Parish Church at Slaidburn Distance 3½ miles Direction from gauge S.S.E.

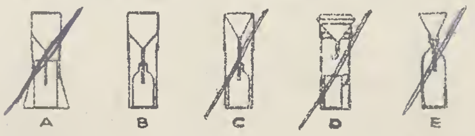
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

up lows

M.O.
18 JAN. 1937

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Form 1090.

B

3088/1

SNAIDBURN
SADDLE HILL (NEW GAUGE)
1937 ——— 40

780506

*** The following register of
&c., is NOT required if
values are given on the

on and also the space for

his register should be sent :—

RAINFALL IN

At ...*Saddle* ....*H*

In the County of ....*Yo*

Rain Gauge
Diameter of Funnel........
Height of Top above Ground..
Height of Ground above Sea Le

........in Summer..................
nce................Direction from gauge............
ance................Direction from gauge...........

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·40				
FEB.	9·55				
MAR.	2·00				
APRIL	3·10				
MAY	2·85				
JUNE	3·88				
JULY	3·44				
AUG.	3·14				
SEPT.	4·18				
OCT.	2·82				
NOV.	1·67				
DEC.	3·20				
TOTAL	46·23				

Signature *W. P*

BOROUGH & WATER ENGINEER,
BLACKBURN.

*See Instruction 2 (*f*) below.

Distances ...

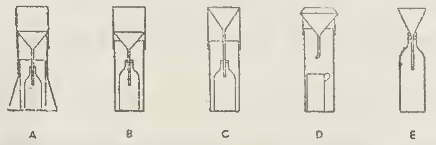
Directions from gauge ...

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

3/38

~~1/10 - 1936.~~

660553/26

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3088/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Saddle Hill

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1425 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·40				
FEB.	9·55				
MAR.	2·00				
APRIL	3·10				
MAY	2·85				
JUNE	3·88				
JULY	3·44				
AUG.	3·14				
SEPT.	4·18				
OCT.	2·82				
NOV.	1·67				
DEC.	3·20				
TOTAL	46·23				

Signature W. P

BOROUGH & WATER ENGINEER,
BLACKBURN.

*See Instruction 2 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

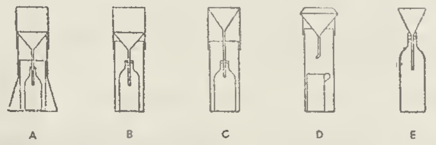
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

3/38

~~[illegible] 1936.~~

66055 3/26

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(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

N

FORM 1090.

3088/1

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

new g.

At Saddle Hill

In the County of ~~Lancashire~~ W. Yorks/2

Rain Gauge {
Diameter of Funnel.........................in.
Height of Top above Ground.........ft.............in.
Height of Ground above Sea Level 1425 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·00				
FEB.	3·75				
MAR.	2·12				
APRIL	1·52				
MAY	4·19				
JUNE	7·38				
JULY	6·47				
AUG.	5·95				
SEPT.	3·34				
OCT.	~~17·20~~ 13·51				
NOV.	8·16				
DEC.	5·90				
TOTAL	72·91 ~~75·88~~	mp low GB 12/4/39			

W. Pickstone

Signature .... BOROUGH & WATER ENGINEER, BLACKBURN.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.......................in Summer..................

Nearest Railway Station............................ Distance.................Direction from gauge...............

Nearest Parish Church at............................ Distance.................Direction from gauge...............

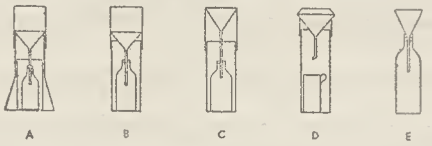
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

1937 mp low

660553/26

0

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

3088/1

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Slaidburn, Saddle Hill

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1425 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6.27				
FEB.	6.24				
MAR.	4.98				
APRIL	2.70				
MAY	1.27				
JUNE	4.25				
JULY	9.15				
AUG.	2.78				
SEPT.	2.62				
OCT.	2.45				
NOV.	11.97				
DEC.	3.10				
TOTAL	57.78				

mr low WH

Signature Geo McKay

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Water Engineer,
Town Hall, Blackburn.

Hour of observation by the clock—in Winter 10.15 am in Summer 10.15 am

Nearest Railway Station High Bentham Distance 6 7/8 miles Direction from gauge N.N.W.

Nearest Parish Church at Slaidburn Distance 4 miles Direction from gauge S.S.E.

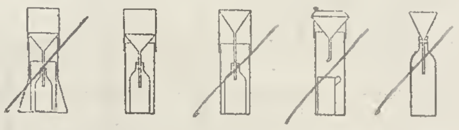
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

mp 1937

660553/2

M.O. 7
13 JAN. 1940

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3088/1

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~34~~40

At Saddle Hill: Slaidburn

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1425 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	~~1.74~~ (3.745				
FEB.	1·82				
MAR.	6·00				
APRIL	3·54				
MAY	1·75				
JUNE	0·91				
JULY	6·50				
AUG.	3·25				
SEPT.	8·63				
OCT.	6·80				
NOV.	8·30				
DEC.	7·38				
TOTAL	5~~6~~8·62				

Signature Geo. McKay.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. McKay Assoc. M. Inst. C.E., Water Engineer
Town Hall, BLACKBURN

Hour of observation by the clock—in Winter 10·15am in Summer 10·15am

Nearest Railway Station High Bentham Distance 6 7/8 miles Direction from gauge N.N.W

Nearest Parish Church at Slaidburn Distance 4 miles Direction from gauge S.S.E.

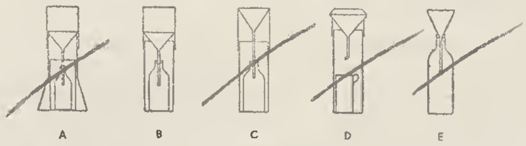
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

up 1939

660553/26

M. O.
13 JAN 1941
B. R.

Jan. corrd. for Snow.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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S.O. Code No. 40-9999

3088/5
BOTTOMS
1938 — 40

780506

3088/5

FORM 1090. **B**

*** The following register of
&c., is NOT required if
values are given on the

on and also the space for

RAINFALL IN

is register should be sent :—
E. M. Inst. WE,
Board, Head office,
ckpool.

At Bottoms

In the County of Yorks

m.....in Summer 9 a.m.

Direction from Railway Station to
nce 5·25 miles gauge W.

Direction from Church to
ance 4·70 miles gauge NE by N.

Rain Gauge
- Diameter of Funnel
- *Height of Top above Ground*
- *Height of Ground above Sea Le*

Month	Total Depth	Greatest F in 24 hou		*	*
	Inches	Inches	Date		
JAN.	8·81				
FEB.	3·41				
MAR.	1·71				
APRIL	·98				
MAY	3·92				
JUNE	6·38				
JULY	5·18				
AUG.	5·50				
SEPT.	1·95				
OCT.	17·15				
NOV.	8·07				
DEC.	5·43				
TOTAL	68·49	✓			

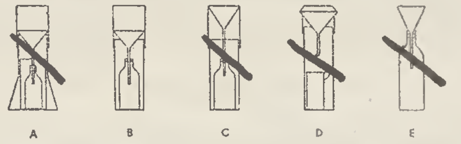
Directions from gauge ...

If gauge has been moved during the year state—

Date of move.................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

c1938

np
low
90
13/3/39

f 697676/26

M.O. 7
28 JAN. 1939

Back years 1917–
np late

N

Signature Geo. F. Atkinson.
Engineer

* See Instruction 3 (*f*) below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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FORM 1090.

B Summary.

C Particulars of Station.

3088/5

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Bottoms

In the County of Yorkshire (W.R.)

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 864·04 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·81				
FEB.	3·41				
MAR.	1·71				
APRIL	·98				
MAY	3·92				
JUNE	6·38				
JULY	5·18				
AUG.	5·50				
SEPT.	1·95				
OCT.	17·15				
NOV.	8·07				
DEC.	5·43				
TOTAL	68·49 ✓				

Signature Geo. F. Atkinson.
Engineer

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. F. Atkinson, M. Inst. C.E. M. Inst. W.E.,
Engineer, Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston (L.M.S. Rly) Distance 5·25 miles Direction from Railway Station to gauge W.

Nearest Parish Church at Slaidburn Distance 4·70 miles Direction from Church to gauge NE by N.

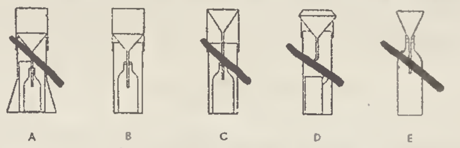
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

C1938

np
low
GD
13/3/39

F 697676/26

M.O. 7
28 JAN. 1939

Back years 1917→
np lost

N

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Bottoms

In the County of Yorkshire (WR)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 864·04 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·23				
FEB.	5·83				
MAR.	2·77				
APRIL	2·34				
MAY	1·10				
JUNE	4·30				
JULY	7·13				
AUG.	2·56				
SEPT.	1·23				
OCT.	2·85				
NOV.	8·03				
DEC.	5·64				
TOTAL	52·01 ✓				

r cont. wt

Signature Geo. F. Atkinson
Engineer

697676/26

* See Instruction 3 *(f)* below.

C Particulars of Station.

30885

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Geo. F. Atkinson M. Inst. C.E., M. Inst. W.E.
Engineer, Fylde Water Board, Head Office,
Sefton Street, Blackpool

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston Distance 5¼ miles Direction from gauge W.

Nearest Parish Church at Slaidburn Distance 4¾ miles Direction from gauge N.E. by N

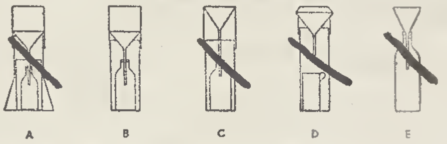
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

r 1938 cont

M.O. 7
21 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3088/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Bottoms

In the County of Yorkshire (W.R)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 864·04 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·51				
FEB.	2·11				
MAR.	4·50				
APRIL	4·02				
MAY	1·72				
JUNE	0·94				
JULY	6·47				
AUG.	2·00				
SEPT.	7·52				
OCT.	4·74				
NOV.	9·29				
DEC.	5·90				
TOTAL	51·72				

up low WH.

Signature ....

Engineer

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. F. Atkinson, M.Inst.C.E., M.Inst.W.E., Engineer,
Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston Distance 5·25 miles Direction from gauge W.

Nearest Parish Church at Slaidburn Distance 4·70 " Direction from gauge NE by N

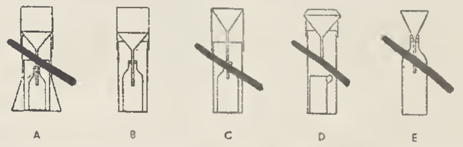
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
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(c) When was the measurement made?

M.O. 30
17 FEB 1941

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3089

Section **A** for the entry of D

AIR MINISTRY.-

OR OFFICIAL USE.

RGANIZATION.

FORM 1090.

REGISTI

Kept at Cappleside Gardens

in the County of Yorkshire

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Leve

THE MORNING MEASURE

An observer who does not conform to this
year in the space on the right of this p

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ing

Jan. 1, following

3089

SETTLE

CAPPLESIDE GDNS.

1931 — 40

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Date	Jan.	Feb.	March	Ap						ov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·35	·15	—	·02	·01	·01	—	·11	·37	—	·01	1
2	·01	·10	—	·65	—	1·31	·08	—	·83	·09	·34	·61	2
3	—	—	—	·06	—	·07	·33	—	·30	·12	1·95	·46	3
4	—	·05	—	·28	—	·70	·09	—	·13	·20	—	·85	4
5	—	·01	—	·01	·16	·17	·29	·40	—	·08	—	·63	5
6	—	·12	—	—	—	·37	·67	·01	·02	·29	·30	·03	6
7	·05	·23	·01	—	—	—	—	·17	—	·14	·10	·30	7
8	—	·45	·07	·12	·01	·04	·26	·07	—	·10	·25	·03	8
9	·02	·83	·05	·04	—	·07	—	·40	·06	—	·47	·04	9
10	·03	·29	·01	—	·15	·28	—	·08	—	—	·41	—	10
11	·30	·95	—	—	—	·08	·18	·01	·35	·10	·45	·01	11
12	·02	·22	—	·12	—	—	·24	·01	—	·39	·11	—	12
13	—	·03	·27	·03	·08	·05	·12	—	—	—	—	—	13
14	·05	·04	·03	·01	·07	1·08	·26	·71	—	—	·44	·01	14
15	·10	·57	—	·16	—	·03	·11	·41	—	—	·03	·07	15
16	1·22	—	—	·45	—	·05	·35	·92	·21	—	—	—	16
17	·03	·09	—	·36	—	·22	·41	·03	·02	—	·09	—	17
18	·24	—	—	·06	·08	1·32	·09	·09	—	—	·67	—	18
19	·08	·32	—	—	—	·12	·01	1·17	—	—	—	·02	19
20	—	·50	·09	—	—	·01	—	·05	—	—	·32	·01	20
21	·30	·08	·12	·01	—	·15	·02	·05	—	—	—	·01	21
22	·52	·15	·01	·03	·16	·02	·14	—	—	—	·08	—	22
23	·30	·01	·07	·26	·36	·15	—	—	—	—	1·31	·47	23
24	·10	·29	—	·18	·55	—	·19	—	—	—	·12	—	24
25	·15	·65	—	·07	·09	—	·01	—	—	—	·12	·10	25
26	·12	·08	—	·20	—	—	·22	—	—	—	·92	·02	26
27	·54	·08	—	·12	·03	—	·11	—	—	·29	·91	·07	27
28	·31	·18	·02	·16	·08	—	·33	—	·05	—	—	·38	28
29	·16		—	—	·23	—	·02	—	·01	·45	·02	·02	29
30	·01	✕	—	·03	·18	·01	—	—	—	·01	·02	—	30
31	·35	✕	—	✕	·15	✕	·03	—	✕	—	✕	·17	31
TOTAL	5·03	6·67	·90	3·41	2·50	6·31	4·58	4·58	2·09	2·63	9·43	4·32	YEAR'S TOTAL 52·45
*Days with ·01 in. or more.	24	25	12	22	16	22	25	13	11	13	22	22	227
*Days with ·04 in. or more.	17	22	7	16	13	17	19	12	8	12	19	11	174

40-9999

(Signed) Laura E Geldard [P.T.O.

*See Instruction 2 (*f*) on other side

3089

Section **A** for the entry of D ... OR OFFICIAL USE.
AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Cappleside Gardens, Settle.
in the County of Yorkshire, W. R.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft 10 in.
,, Ground ,, Sea Level 500 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·02	·35	·15	—	·02	·01	·01	—	·11	·37	—	·01	1
2	·01	·10	—	·65	—	1·31	·08	—	·83	·09	·34	·61	2
3	—	—	—	·06	—	·07	·33	—	·30	·12	1·95	·46	3
4	—	·05	—	·28	—	·70	·09	—	·13	·20	—	·85	4
5	—	·01	—	·01	·16	·17	·29	·40	—	·08	—	·63	5
6	—	·12	—	—	—	·37	·67	·01	·02	·29	·30	·03	6
7	·05	·23	·01	—	—	—	—	·17	—	·14	·10	·30	7
8	—	·45	·07	·12	·01	·04	·26	·07	—	·10	·25	·03	8
9	·02	·83	·05	·04	—	·07	—	·40	·06	—	·47	·04	9
10	·03	·29	·01	—	·15	·28	—	·08	—	—	·41	—	10
11	·30	·95	—	—	—	·08	·18	·01	·35	·10	·45	·01	11
12	·02	·22	—	·12	—	—	·24	·01	—	·39	·11	—	12
13	—	·03	·27	·03	·08	·05	·12	—	—	—	—	—	13
14	·05	·04	·03	·01	·07	1·08	·26	·71	—	—	·44	·01	14
15	·10	·57	—	·16	—	·03	·11	·41	—	—	·03	·07	15
16	1·22	—	—	·45	—	·05	·35	·92	·21	—	—	—	16
17	·03	·09	—	·36	—	·22	·41	·03	·02	—	·09	—	17
18	·24	—	—	·06	·08	1·32	·09	·09	—	—	·67	—	18
19	·08	·32	—	—	—	·12	·01	1·17	—	—	—	·02	19
20	—	·50	·09	—	—	·01	—	·05	—	—	·32	·01	20
21	·30	·08	·12	·01	—	·15	·02	·05	—	—	—	·01	21
22	·52	·15	·01	·03	·16	·02	·14	—	—	—	·08	—	22
23	·30	·01	·07	·26	·36	·15	—	—	—	—	1·31	·47	23
24	·10	·29	—	·18	·55	—	·19	—	—	—	·12	—	24
25	·15	·65	—	·07	·09	—	·01	—	—	—	·12	·10	25
26	·12	·08	—	·20	—	—	·22	—	—	—	·92	·02	26
27	·54	·08	—	·12	·03	—	·11	—	—	·29	·91	·07	27
28	·31	·18	·02	·16	·08	—	·33	—	·05	—	—	·38	28
29	·16		—	—	·23	—	·02	—	·01	·45	·02	·02	29
30	·01	×	—	·03	·18	·01	—	—	—	·01	·02	—	30
31	·35	×	—	×	·15	×	·03	—	×	—	×	·17	31
TOTAL	5·03	6·67	·90	3·41	2·50	6·31	4·58	4·58	2·09	2·63	9·43	4·32	YEAR'S TOTAL 52·45
*Days with ·01 in. or more.	24	25	12	22	16	22	25	13	11	13	22	22	227
*Days with ·04 in. or more.	17	22	7	16	13	17	19	12	8	12	19	11	174

40-9999

*See Instruction 2 (*f*) on other side

(*Signed*) Laura E Geldard [P.T.O.

3089

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Cappleside Rathmell. Settle.

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft 10 in.

" Ground " Sea Level 500 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·46	—	—	·30	·12	—	·23	·10	1·30	·18	·39	·28	1
2	·98	—	—	—	·13	—	·19	·02	·95	·02	·38	·57	2
3	·17	—	—	—	·01	—	·11	·10	·04	—	·09	·42	3
4	·25	—	·01	·01	—	—	·31	·01	·05	—	·17	·04	4
5	1·27	·01	·16	·24	·03	—	·02	·02	·18	—	·02	—	5
6	1·07	—	·29	·65	—	—	—	—	·07	·03	—	—	6
7	·01	—	·84	·31	·17	—	·01	—	·43	·64	—	—	7
8	·07	—	·02	·21	·01	—	—	—	·92	·58	·05	—	8
9	·38	·05	—	·75	·19	—	—	—	·07	—	—	·05	9
10	·47	·02	—	·16	·01	—	—	—	·98	·26	—	—	10
11	·09	·10	—	·07	·58	—	·58	—	·07	·02	·01	—	11
12	·48	·03	—	—	·50	·03	·09	·43	·02	·47	—	—	12
13	·02	—	—	·25	·07	—	·13	·04	·26	·48	—	·27	13
14	·18	—	—	·02	—	—	·01	—	·01	·04	—	·08	14
15	·09	—	—	·05	·68	—	—	—	—	—	·07	·16	15
16	·78	—	—	—	—	—	·64	·01	—	·19	—	·41	16
17	·03	—	—	—	—	—	·17	—	·06	·58	—	·11	17
18	·01	—	—	—	·30	—	—	—	·01	·02	·03	—	18
19	—	·01	·05	·30	·16	—	·04	·01	—	·37	—	·02	19
20	—	—	·01	·28	·27	—	·04	·29	—	·19	·08	·04	20
21	—	—	·47	·08	·32	—	·23	·26	—	1·21	·04	·17	21
22	—	—	·20	·31	—	—	·22	—	—	·11	·89	·09	22
23	·02	·01	·06	·21	·08	—	·08	—	—	·05	·40	—	23
24	·04	—	—	·01	·03	—	·42	—	·43	·17	·33	—	24
25	—	·01	—	·34	·05	—	·12	—	·16	·72	·03	—	25
26	—	—	—	·07	·29	—	·95	—	·06	·40	·40	—	26
27	—	—	·36	·31	·22	·66	·62	—	—	·02	·35	·08	27
28	·01	—	·14	·10	·27	·07	·25	—	—	—	·03	·04	28
29	·03	—	·81	·11	·12	·06	·47	·26	·08	·69	·67	·23	29
30	—	×	·13	·07	·02	·72	·24	—	·41	·17	·46	·10	30
31	·01	×	·04	×	—	×	·17	·02	×	·01	×	·15	31
TOTAL	6·92	·24	3·59	5·21	4·63	1·57	6·34	1·57	6·56	7·52	4·89	3·20	YEAR'S TOTAL 52·24
*Days with ·01 in. or more.	23	8	15	24	24	5	25	13	21	25	20	19	222
*Days with ·04 in. or more.	15	2	12	21	18	4	22	6	18	19	14	18	169

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*See Instruction 2 (*f*) on other side.

(*Signed*) Frank Derry

(Gardener)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3089

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Cappleside, Settle.

in the County of Yorkshire W.R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft 10 in.

,, Ground ,, Sea Level 500 ft.

7. No. 874798/28

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·63	·51	·15	—	·01	·01	—	·02	—	—	·51	—	1
2	·61	—	·10	·09	—	·10	—	—	—	—	—	—	2
3	·12	·78	·12	—	·26	—	—	—	—	—	—	—	3
4	·33	·75	·42	—	·29	—	—	—	—	—	—	—	4
5	·26	·33	·17	·03	·07	—	—	—	—	—	·04	—	5
6	·05	·15	·20	—	·48	·01	1·91	—	—	—	—	·01	6
7	·22	·24	·03	—	·19	—	·14	·02	—	·34	—	·05	7
8	·47	·21	·18	·05	·06	—	1·02	·05	—	·03	·06	·03	8
9	—	·85	—	·33	·10	—	·49	—	—	·04	·13	—	9
10	·19	·01	—	—	—	—	·42	—	—	·83	·07	·03	10
11	—	—	—	·01	·07	—	·47	—	—	·36	—	·04	11
12	·02	—	—	—	—	·17	·42	—	—	·05	—	·05	12
13	·01	—	·03	—	·18	—	·05	·33	·21	·39	·41	—	13
14	·29	—	·09	—	—	—	·07	·12	—	·01	·46	·01	14
15	·15	—	·20	—	·01	—	·05	·18	—	·70	·35	—	15
16	·05	·01	·13	·07	·10	·28	·01	·07	—	·19	·09	—	16
17	·05	—	·23	·02	—	·37	—	·04	·07	·03	·01	—	17
18	—	—	·42	—	—	·63	—	—	—	—	·02	·04	18
19	—	·01	·15	—	·01	·17	—	·10	·44	—	·19	—	19
20	—	·15	—	—	·06	·01	—	·25	—	—	—	—	20
21	—	—	—	—	—	—	—	—	·06	—	—	—	21
22	—	—	—	—	—	·15	—	·08	—	·19	—	·02	22
23	—	—	—	·35	—	—	—	·02	—	·06	·01	—	23
24	—	·31	—	·22	·18	·08	—	·03	·52	—	·01	—	24
25	—	·40	—	·21	·08	—	—	—	·48	—	—	·05	25
26	—	·45	—	·20	—	—	—	—	·01	·17	—	—	26
27	—	·19	—	—	·03	—	·61	—	—	—	·01	—	27
28	—	·01	—	·04	—	—	·21	·33	—	·08	—	—	28
29	—		·05	—	—	—	·19	·04	—	·02	—	·05	29
30	·07	×	·05	·23	·03	—	·70	—	—	·14	—	·37	30
31	·98	×	·12	×	—	×	·05	·03	×	·10	×	·07	31
TOTAL	4·50	5·36	2·84	1·85	2·21	1·98	6·81	1·71	1·79	3·73	2·37	·82	YEAR'S TOTAL 35·97
*Days with ·01 in. or more.	17	17	18	13	18	11	16	16	7	18	15	13	179
*Days with .04 in. or more.	15	13	16	10	13	8	15	11	6	14	10	8	139

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*See Instruction 2 (*f*) on other side.

(*Signed*) Laura E Goldard

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3089

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Cappleside, Rathmell, Settle.
in the County of Yorkshire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ~~ft~~ 10 in.
,, Ground ,, Sea Level 500 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	0	·05	—	—	—	—	·30	·02	·02	·01	·15		1
2	·01	·02	·16	—	·02	—	—	·58	·28	—	·35	·43		2
3	·24	—	·11	—	—	—	—	·01	—	·22	—	·26		3
4	·29	—	·18	·03	·19	—	—	·22	·35	1·06	·07	·74		4
5	·01	—	·19	—	·06	—	—	·45	—	·26	·01	—		5
6	·29	—	·12	·01	·70	·06	—	—	·03	·29	—	·24		6
7	·41	·19	·13	·07	·02	—	—	·13	—	·07	·22	·93		7
8	·01	·02	·03	—	·11	·37	—	·02	·02	·27	·25	·03		8
9	·02	·02	·04	·05	—	—	—	·08	·02	·07	·22	—		9
10	·04	—	·19	·05	—	—	—	·44	—	·23	·03	—		10
11	·23	·01	·05	·48	—	—	—	·56	—	·01	—	·09		11
12	·03	—	·02	·43	—	—	·31	—	—	·05	—	—		12
13	·47	—	·01	·01	·12	·08	·04	1·07	—	·08	—	·12		13
14	·33	—	·27	—	·05	—	—	—	—	·68	·01	·06		14
15	·66	—	·70	—	1·17	·12	·17	·20	·69	·08	·01	·38		15
16	·30	—	·34	—	·28	—	—	—	—	·02	·02	·32		16
17	·55	—	·22	·05	·30	—	·37	—	·18	·03	—	·60		17
18	·43	—	·32	·18	·55	·48	—	—	·04	·01	—	·45		18
19	—	·01	·14	·01	·05	·24	·02	·18	·37	·25	—	·26		19
20	—	—	·01	·17	·52	—	—	·35	·07	·13	—	·02		20
21	·07	—	·24	·01	·12	·90	—	·32	·13	·19	—	—		21
22	·04	—	·06	—	·02	·05	—	·68	·49	·25	—	—		22
23	·01	—	·09	·56	·10	·07	·38	—	—	·39	·01	·12		23
24	—	—	—	·06	·05	·03	—	—	·29	·59	—	—		24
25	·24	·12	·03	·53	—	—	·01	—	·48	·48	·01	·53		25
26	·13	·30	·06	·09	—	·57	·29	—	·42	·30	·05	·03		26
27	—	—	·01	—	—	·30	·34	·52	·10	·78	·02	·36		27
28	—	—	—	—	—	·07	·07	·02	·08	·14	—	·58		28
29	—	×	·04	—	—	—	·35	·50	·25	·10	—	·66		29
30	·10	×	·01	—	—	—	·09	·04	·46	·25	—	·96		30
31	·03	×	—	×	—	×	·01	—	×	—	×	·10		31
TOTAL	5·15	·69	3·22	2·79	4·43	3·34	2·45	5·97	4·77	7·24	1·29	7·92	Year's Total 49·26	
*Days with ·01 in. or more.	25	8	28	17	18	13	13	20	26	29	15	24	230	
*Days with ·04 in. or more.	18	3	21	12	15	12	10	17	16	24	16	21	185	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) L. E. Geldard

p. pro SG

P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 3089

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

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REGISTER OF RAINFALL IN 1935.

Kept at Cappleside, Settle.
in the County of Yorkshire, W.R.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ft. 10 in.
,, Ground ,, Sea Level 500 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·25	·29	·06	—	—	—	·27	—	·38	·39	—	·69		1
2	—	·19	·05	—	—	·05	·06	—	·33	·52	·13	·50		2
3	·13	·59	·15	·14	—	·11	·29	—	·52	—	·50	·15		3
4	—	·11	·10	·01	—	·18	·11	—	·14	·27	—	·01		4
5	—	·53	·09	—	—	·01	—	—	·08	·09	·15	·06		5
6	·02	~~·44~~	—	·05	—	·44	—	—	—	—	·01	·01		6
7	—	—	—	·19	—	·35	—	—	—	·33	·02	·07		7
8	—	—	—	·21	—	·08	—	—	—	·50	·12	·30		8
9	—	·01	—	·54	—	·12	·01	—	—	1·35	·20	—		9
10	·05	·10	—	·56	—	·03	—	—	—	·37	·29	—		10
11	·55	·38	—	—	—	·62	—	·10	—	·33	·13	—		11
12	—	·33	—	—	—	·14	—	—	·07	·03	—	—		12
13	·21	·17	—	·10	·17	·03	—	—	·32	·15	·08	—		13
14	·01	·18	—	·06	·04	·15	·29	·03	·15	·01	·88	·16		14
15	—	2·66	—	·37	·14	—	·01	—	·76	·69	·04	·57		15
16	—	1·01	·08	·67	1·16	·06	·19	·11	·66	—	·19	·08		16
17	—	·02	—	·28	·09	·40	·02	·17	·91	·11	·37	—		17
18	—	·15	—	·17	·04	·01	·15	—	·58	·90	·02	·02		18
19	—	·31	—	·06	—	·34	·26	—	·05	·27	·16	—		19
20	·01	·93	—	·62	—	·12	—	—	—	—	·02	—		20
21	—	·23	·03	·02	—	—	—	—	2·10	·15	·01	·23		21
22	—	·13	·48	·02	—	—	·01	—	·10	—	—	—		22
23	·01	·01	·39	—	—	—	—	·52	·12	·39	—	—		23
24	·61	·45	·05	—	—	—	·01	—	1·60	·07	—	·15		24
25	·19	—	·13	—	—	·05	—	—	—	—	·25	·01		25
26	—	—	—	—	—	·04	·01	·82	·44	·06	·02	·20		26
27	—	·18	—	—	—	—	·52	—	·29	1·50	·61	·10		27
28	—	·20	—	—	—	·05	—	·01	·08	·39	·21	·09		28
29	—		·11	—	—	·34	—	·20	·37	·90	—	·52		29
30	—	×	—	·07	—	·10	—	—	·86	1·25	1·47	·03		30
31	—	×	—	×	—	×	—	—	×	·08	×	·59		31
TOTAL	2·04	9·16	1·72	4·14	1·64	3·82	2·21	1·96	10·91	11·10	5·88	4·54	Year's Total. 59·12	
* Days with .01 in. or more.	11	23	12	18	6	23	15	8	22	25	23	21	207	
* Days with .04 in. or more.	7	20	11	15	6	19	9	6	22	23	17	16	171	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Laura E Geldart

[P.T.O.

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REGISTER OF RAINFALL IN 1936.

Kept at Cappleside, Settle,
in the County of Yorkshire
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground — ft. 10 in.
" Ground " Sea Level 500 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·03	·03	·06	·15	—	—	—	—	·01	—	·16	·30		1
2	—	—	—	·01	—	·11	—	·47	·14	—	·06	·16		2
3	·02	—	—	—	—	·10	—	·10	·03	—	·02	·23		3
4	·16	·09	·20	—	—	·01	·15	·07	·39	—	·06	·96		4
5	·39	·02	·30	—	—	—	—	·70	·31	—	·13	·74		5
6	·38	—	·01	—	—	—	·23	·50	·31	—	·39	—		6
7	—	—	·41	—	—	—	—	—	·84	—	·66	·20		7
8	·57	—	·53	—	—	—	—	—	·75	—	·49	·01		8
9	·63	—	·22	—	—	—	·04	—	—	—	·64	—		9
10	·38	—	—	—	—	—	·18	—	·22	—	·61	—		10
11	—	—	—	·02	—	·11	·12	·05	·20	—	·64	·04		11
12	·63	—	—	·09	·03	·28	·34	·04	·68	·02	·02	·16		12
13	·04	—	—	·05	·02	·91	·56	—	—	·21	·03	2·33		13
14	·01	—	—	·19	—	·40	·16	·05	—	·05	·35	·69		14
15	·23	—	·05	—	·05	·10	—	·15	—	·03	·79	·21		15
16	—	—	·04	—	—	·03	·11	·06	—	·06	·78	·03		16
17	·26	·54	·02	—	·06	—	·19	·10	—	·75	·67	—		17
18	—	·07	—	·05	—	—	—	·11	·02	1·10	—	·10		18
19	·26	·42	·06	—	—	·08	·18	·33	—	·02	—	·06		19
20	·12	·12	·09	—	—	—	·05	·01	—	·10	—	—		20
21	·13	·04	·01	—	—	·06	—	·05	—	·01	—	—		21
22	·10	·27	·04	—	—	1·05	·39	—	—	—	—	·38		22
23	·02	—	·28	·19	·01	—	1·15	—	—	·14	—	·19		23
24	·15	·03	—	·05	·14	—	·65	—	·43	1·28	—	·03		24
25	·46	—	—	·06	—	—	·04	—	·36	·34	—	·03		25
26	·43	·52	·03	—	—	—	·10	—	·11	·59	—	—		26
27	·45	·05	—	·01	—	—	—	—	—	·47	—	—		27
28	·26	·02	·11	·03	—	—	·06	—	—	·01	·02	·07		28
29	·05	·26	·92	—	·46	1·10	·02	—	—	·21	·10	·03		29
30	·19	✕	·04	—	·06	·09	·31	—	—	·27	·14	·14		30
31	·05	✕	·03	✕	·03	✕	—	—	✕	—	✕	·51		31
TOTAL	5·80	2·48	3·45	·90	·86	4·43	4·37	2·79	4·80	5·66	6·16	7·22	Year's Total 48·92	
* Days with .01 in. or more.	26	14	20	12	9	14	20	15	15	19	20	23	207	
* Days with .04 in. or more.	21	10	15	8	5	12	19	14	12	13	16	18	163	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Laura E. Goldard [P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·29	—	·10	—	—	—	·17	—	·33	·07	·10	·25		1
2	·51	·69	—	·15	—	·09	·04	—	·07	—	—	—		2
3	·23	·44	·06	·22	·12	·75	·16	—	·04	—	—	·03		3
4	·37	·18	·05	·19	·14	·04	·01	—	·03	—	—	·40		4
5	1·08	—	—	·11	·02	·02	·05	—	·26	—	—	·29		5
6	·06	·01	—	·19	·12	—	—	—	·65	—	·01	—		6
7	·02	·25	—	·42	·13	—	—	—	·19	—	·01	—		7
8	—	·65	·02	·12	—	·30	·10	·04	·01	—	·05	·02		8
9	·09	—	·03	·07	·22	·01	·32	·06	·05	—	—	—		9
10	·01	·28	·10	—	·02	·04	—	—	—	—	—	·10		10
11	—	—	·12	—	—	—	—	—	—	—	—	·15		11
12	·38	·39	·19	·01	·06	—	·03	·08	·27	—	—	·25		12
13	·01	·16	—	·06	—	·30	—	·68	·02	—	—	·50		13
14	—	·17	—	—	—	·01	·02	·25	·11	·01	—	·26		14
15	·25	·63	·02	·67	—	—	·36	·37	·30	—	—			15
16	—	·66	·20	·84	—	—	—	—	·16	—	—			16
17	·19	·04	·20	·11	·01	·04	—	—	·25	—	·38			17
18	·01	·71	·12	·11	—	·03	·02	·60	—	—	·13			18
19	·33	·29	·02	·15	—	·09	·03	·04	·16	—	·06			19
20	·10	·33	—	·08	·56	—	·21	—	—	—	—	·15		20
21	·02	·25	—	·05	·01	—	·44	—	—	·27	·09	·25		21
22	·06	—	·13	·02	·05	—	·10	—	—	·40	·04	·04		22
23	·05	—	·03	—	·57	—	·40	—	·03	·15	—	—		23
24	·07	·10	·19	—	·04	—	·04	—	·20	·35	—	—		24
25	·04	1·20	·20	—	—	—	—	·19	—	·06	—	·13		25
26	—	·60	·04	—	·43	—	—	·01	·05	·02	—	—		26
27	—	—	—	·19	—	—	—	—	—	·63	—	—		27
28	—	·18	—	—	—	·07	—	—	—	·17	—	—		28
29	—	X	—	—	—	·04	—	—	—	·10	·46	—		29
30	·10	✕	—	—	—	·18	—	·05	—	·15	·32	·01		30
31	·28	✕	—	✕	·02	✕	—	·09	✕	·05	✕	—		31
													Year's Total	
TOTAL	4·55	8·21	1·82	3·76	2·52	2·01	2·50	2·46	2·58	2·43	1·65	2·83	37·32	✓
* Days with .01 in. or more.	23	21	18	19	16	15	17	12	19	13	11	15	199	✓
* Days with .04 in. or more.	18	20	16	17	11	11	12	11	15	11	9	12	163	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) L. E. Geldard [P.T.O.

p. pro SG

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 3089

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Cappleside, Settle.
in the County of Yorkshire W.R.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ..... ft. 10 in.
,, Ground ,, Sea Level 500 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·43	—	—	·01	·51	—	·11	—	·01	·52	—		1
2	·03	·05	·03	·80	—	·11	·02	—	·03	2·32	·11	·84		2
3	·02	—	·03	—	—	—	·13	—	·23	2·16	·41	·22		3
4	—	·02	—	·04	—	·04	·08	·22	—	·95	—	·60		4
5	·01	—	—	—	—	·05	·04	·34	·10	·74	·07	·14		5
6	·88	—	—	—	—	—	·36	·02	·03	·45	·10	·01		6
7	·21	—	—	—	—	·01	·60	·33	·02	·34	—	—		7
8	·56	·18	—	—	—	—	·17	·71	—	2·07	·01	·33		8
9	·05	·52	·20	—	—	·44	·21	·13	—	·43	—	·16		9
10	·02	·06	·05	—	—	·11	·45	—	—	·24	—	·08		10
11	·26	·07	—	—	·06	·01	·12	—	·03	·36	·17	·09		11
12	·70	—	—	—	·33	—	·02	·05	—	1·60	·34	·03		12
13	·04	·04	—	—	·04	—	·17	—	—	·55	·74	·40		13
14	·62	·03	—	—	·27	—	·51	—	—	·01	—	·01		14
15	·90	—	·09	—	·02	—	·56	·33	—	·17	—	·26		15
16	1·06	—	·17	—	·06	—	·21	·38	—	·27	·17	·14		16
17	—	—	·12	—	·10	—	·12	27	·32	·57	·02	·02		17
18	·11	—	—	—	·03	·07	—	·38	·05	·34	·72	—		18
19	·08	—	·12	—	—	—	—	·60	·38	·04	·29	·06		19
20	·45	—	·12	—	—	—	·02	·18	·07	—	·09	·05		20
21	—	—	·03	—	—	—	—	·28	·02	—	·08	—		21
22	·12	—	—	·06	·06	·10	—	—	·13	·02	·44	·05		22
23	—	·09	—	—	·66	·44	—	·01	—	—	·51	—		23
24	·55	—	·26	—	·05	·58	·49	·70	·02	·15	·12	—		24
25	·39	·24	·14	—	·07	·04	·69	—	·03	·38	·89	·01		25
26	·20	·36	·16	—	·23	·53	—	·01	·03	·40	·20	·15		26
27	·45	·62	—	·02	·41	·48	·34	—	—	·02	·43	—		27
28	·77	·29	·13	—	·61	1·19	·03	·12	·09	·01	·04	·07		28
29	·12	×	·07	—	·56	·49	·39	·10	—	·10	·47	·82		29
30	·28	×	—	—	·04	·08	·07	—	·37	·08	·84	·72		30
31	·36	×	·09	×	·51	×	—	·10	×	·72	×	·36		31
TOTAL	9·24	3·00	1·81	·92	4·12	5·28	5·86	5·37	1·95	15·50	7·78	5·59	Year's Total 66·36	✓
* Days with .01 in. or more.	26	14	16	4	19	18	23	21	17	28	24	24	234	# ✓
* Days with .04 in. or more.	22	12	13	3	16	16	19	18	9	23	22	19	192	# ✓

† Spare column, no entries required.

(*Signed*) L. I. Geldard [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — **Station No.** 3089

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Cappleside Gardens, Settle

in the County of Yorkshire. W. R.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground — ft. 10 in.

" Ground " Sea Level 500 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15	—	·36	·05	—	—	—	·10	—	—	·08	·87		1
2	—	—	·05	·03	—	—	·45	·63	·63	—	—	·32		2
3	—	—	·06	·07	—	—	—	·05	·04	·05	·08	·89		3
4	·07	—	·50	·25	—	—	·68	—	—	·10	·01	·15		4
5	—	·02	·03	—	·25	—	·51	—	—	·55	·82	·41		5
6	·72	·15	·03	—	—	—	·92	—	—	—	·02	—		6
7	·59	·74	·46	—	·07	—	·22	—	—	—	·34	·36		7
8	1·17	·30	·20	·15	—	—	·29	·07	—	·28	·05	·35		8
9	·09	·59	—	·01	—	—	·01	·46	—	·49	·15	·40		9
10	·13	·12	·05	—	—	·03	—	·48	·63	·21	—	·06		10
11	·30	·44	·23	—	—	·57	—	·58	—	—	—	—		11
12	—	·18	—	—	—	·04	—	—	—	—	·02	—		12
13	·01	—	—	·23	·11	·25	—	~~·02~~	·02	·13	·26	—		13
14	1·08	—	·01	·11	·22	·75	·26	—	—	—	·93	—		14
15	·58	·09	·02	·36	—	·81	·27	—	—	—	·12	—		15
16	·50	·09	·05	·07	·02	—	·12	—	—	—	—	—		16
17	·49	·41	—	·09	·06	·01	·38	—	—	—	·04	—		17
18	·04	·15	·01	·01	—	—	—	—	—	—	·58	—		18
19	·29	·01	—	—	·01	·10	·25	—	—	—	—	—		19
20	·03	—	—	—	·01	·03	·30	·01	—	—	—	—		20
21	—	·06	·40	·16	—	—	—	·95	—	—	—	—		21
22	·34	·31	·11	·10	—	—	·25	—	—	·07	·49	—		22
23	·02	·21	·01	·20	—	·10	—	—	—	·26	·09	—		23
24	·04	·25	—	—	—	—	·15	—	—	—	·03	—		24
25	·20	·22	—	—	—	·01	—	·01	—	—	1·67	·02		25
26	·01	·14	·01	—	—	—	—	·11	—	·19	·09	—		26
27	·01	1·10	·07	—	—	·44	·09	·23	—	·09	·46	—		27
28	—	·16	·01	—	—	·28	·55	—	—	—	·70	—		28
29	—		·08	—	—	·10	1·11	—	—	·20	·47	—		29
30	—	✕	—	—	—	·29	·78	—	—	·02	1·23	—		30
31	—	✕	—	✕	—	✕	·17	·05	✕	·01	✕	—		31
TOTAL	5·86	5·73	2·75	1·89	·75	3·81	7·76	3·35	1·32	2·65	8·73	3·83	Year's Total 48·43	✓
* Days with .01 in. or more.	22	21	21	15	8	15	20	13	4	14	23	10	186	✓ ✓
* Days with .04 in. or more.	17	19	13	12	5	11	19	11	3	12	19	9	150	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) F. Derry

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3089.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Cappleside, Settle.

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. 10 in.

,, Ground ,, Sea Level 500 ft.

Snow / [illegible]

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	—	—	·31	—	—	·03	—	—	—	·22	·16		1
2	—	—	—	·24	—	—	·15	—	—	—	·70	·10		2
3	—	—	—	·17	—	—	·18	—	—	—	·08	·18		3
4	·05	—	—	—	—	—	·17	—	·01	·35	·19	·34		4
5	—	—	—	·08	·05	—	·30	—	—	·96	·01	·73		5
6	·10	·17	—	·14	—	—	·04	—	—	·79	—	·36		6
7	—	·28	—	·16	·06	—	—	·12	·22	·10	—	—		7
8	·01	—	—	·02	—	—	·15	·19	—	·52	·12	·16		8
9	—	—	·11	—	—	—	·65	·32	·23	·65	1·08	·27		9
10	—	—	·13	—	—	—	·40	·21	—	·20	·64	·66		10
11	—	—	·18	·02	—	—	·11	—	—	—	1·52	—		11
12	—	—	·47	—	—	—	·03	—	·36	—	·70	—		12
13	—	·03	·02	—	—	—	—	—	1·06	—	·08	—		13
14	—	·07	·11	—	·10	—	—	—	·10	—	—	·60		14
15	—	—	—	·25	·18	·16	·04	—	·36	—	·12	·08		15
16	·15	—	·17	—	—	—	·13	—	1·39	·19	—	·12		16
17	—	—	·56	—	·31	—	1·03	—	·97	·01	·30	·02		17
18	·30	·13	·33	·15	—	—	·27	·28	·48	—	—	·41		18
19	—	·12	·41	·05	—	—	·30	—	·31	—	·31	—		19
20	—	—	·34	·66	—	—	·36	·42	·05	·28	·22	—		20
21	—	—	·56	·62	—	·12	—	—	·03	·03	·31	—		21
22	—	—	·10	—	—	·03	·12	—	·08	—	—	—		22
23	—	·12	·12	·02	·37	—	·13	—	·11	—	·09	—		23
24	—	·17	·09	·08	—	—	—	—	—	—	—	·02		24
25	1·02	·09	—	—	·06	·20	·10	—	·02	—	—	—		25
26	—	·23	·02	—	·05	—	—	·06	—	—	·14	—		26
27	—	·62	—	·12	—	—	—	—	—	—	—	—		27
28	—	·07	—	—	·01	—	—	·07	—	—	—	·02		28
29	(·50) ~~1·75~~	—	·41	·02	·20	·14	—	—	—	·04	—	·67		29
30	—	✕	—	·02	—	—	—	—	—	1·02	·20	·15		30
31	—	✕	·22	✕	—	✕	—	·11	✕	·44	✕	—		31
TOTAL	2·13 ~~3·38~~	2·10	4·35	3·13	1·39	·65	4·71	1·78	5·78	5·58	7·03	5·05	Year's Total ~~44·93~~	43·68
* Days with .01 in. or more.	7	12	18	18	10	5	20	9	16	14	19	18	166	
* Days with .04 in. or more.	6	11	16	13	9	4	19	9	13	12	18	15	145	

† Spare column, no entries required.

(*Signed*) S. Geldard

[P.T.O.

* See Instruction 3 (f) on other side.

Form 1090. **B** Mon
Sum

3089/2

3089/2
PIKE TOP
1938 — 40

780506

, The following register of monthl
&c., is NOT required if daily o
values are given on the other

also the space for

ster should be sent :—
F. M. Inst. W.E.
Head office.
kfrool.

RAINFALL IN 193.

At Pike Top

In the County of Yorkshire (

Summer 9 a.m.

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 123

Direction from Railway Station to
5 miles gauge W. by N

Direction from Church to
55 miles gauge N. by E.

Month	Total Depth	Greatest Fall in 24 hours		Nu Da ·01 or m	
	Inches	Inches	Date	*	
Jan.	6·67				
Feb.	2·70				
Mar.	1·46				
April	·83				
May	3·54				
June	6·22				
July	5·20				
Aug.	5·13				
Sept.	2·20				
Oct.	14·10				
Nov.	6·43				
Dec.	5·59				
Total	60·07	✓			

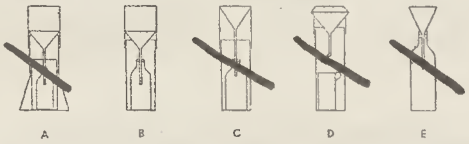
Directions from gauge ...

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

rv low

c 1938 back years 1919 →
up to date

Cb

13/3/39

869 7676/26

M.O. 7
28 JAN. 1939

M

Signature Geo. F. Atkinson
Engineer

* See Instruction 3 (*f*) below.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Mon Summary.

3089/2

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Pike Top

In the County of Yorkshire (W.R.)

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 in.
Height of Ground above Sea Level 1237·39 ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·67				
FEB.	2·70				
MAR.	1·46				
APRIL	·83				
MAY	3·54				
JUNE	6·22				
JULY	5·20				
AUG.	5·13				
SEPT.	2·20				
OCT.	14·10				
NOV.	6·43				
DEC.	5·59				
TOTAL	60·07	✓			

Signature Geo. F. Atkinson
Engineer

13/3/39

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. F. Atkinson, M. Inst. C.E., M. Inst. W.E.
Engineer, Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 am. in Summer 9 a.m.

Nearest Railway Station Long Preston (L.M.S. Rly) Distance 6·75 miles Direction from Railway Station to gauge W. by N

Nearest Parish Church at Slaidburn Distance 4·55 miles Direction from Church to gauge N. by E.

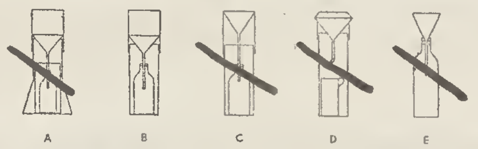
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

rv low

C1938

back years 1919 →

[illegible]

Cp

8697

676/26

M.O. 7
28 JAN. 1939

M

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
   (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
   (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 }·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Pike Top

In the County of Yorkshire (W.R.)

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1237.39 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·71				
FEB.	4·27				
MAR.	2·77				
APRIL	2·36				
MAY	1·10				
JUNE	3·99				
JULY	6·42				
AUG.	2·31				
SEPT.	2·13				
OCT.	2·62				
NOV.	7·21				
DEC.	5·12				
TOTAL	48·01 ✓				

np low.
wh

Signature Geo. F. Atkinson
Engineer

* See Instruction 3 *(f)* below.

C Particulars of Station.

3089/2

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. F. Atkinson, M. Inst. C.E. M. Inst. W.E.
Engineer, Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston Distance 6¾ miles Direction from gauge W by N

Nearest Parish Church at Slaidburn Distance 4½ miles Direction from gauge N by E

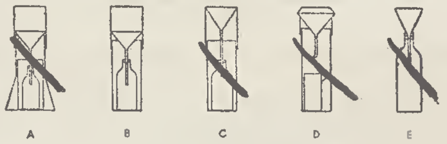
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

np 1938 low

+697676/2

M.O. 7
21 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3089/2

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Pike Top

In the County of Yorkshire (W.R)

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1237·39 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	1·67				
FEB.	2·12				
MAR.	3·98				
APRIL	3·32				
MAY	1·37				
JUNE	0·99				
JULY	5·82				
AUG.	1·60				
SEPT.	5·15				
OCT.	4·10				
NOV.	8·34				
DEC.	4·80				
TOTAL	43·26				

65
57

Signature ....
Engineer

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. F. Atkinson Esq., M. Inst. C. E., M. Inst. W. E., Engineer,
Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston Distance 6·75 miles Direction from gauge W by N

Nearest Parish Church at Slaidburn Distance 4·55 " Direction from gauge N by E

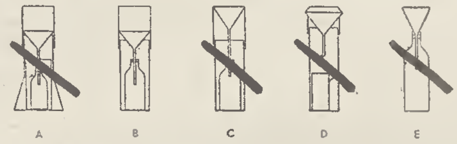
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

np 1939
697676/26

M. O
17 FEB 1941
B. R.

O

D INSTRUCTIONS.

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(h) The heaviest daily fall for each month should be underlined.

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X SETTLE (CATLOW

FORM 1090.

B M
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3089/4

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1938 — 40

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*** The following register of mon
&c., is NOT required if dail
values are given on the oth

and also the space for

egister should be sent:—
E., M. Inst. W. E.,
rd, Head Office,
ackpool.

RAINFALL IN 19

At Catlow

In the County of Yorkshir

Rain Gauge
- Diameter of Funnel............
- *Height of Top above Ground*.....1
- *Height of Ground above Sea Level*..

..in Summer 9 a.m.

Direction from Ry Station to
8 miles gauge W. by N

Direction from Church to
4·4 miles gauge N. by W

Month	Total Depth	Greatest Fall in 24 hours			
	Inches	Inches	Date		
JAN.	10·60				
FEB.	3·55				
MAR.	2·25				
APRIL	1·12				
MAY	4·33				
JUNE	7·67				
JULY	6·50				
AUG.	6·65				
SEPT.	2·39				
OCT.	18·95				
NOV.	8·45				
DEC.	6·68				
TOTAL	79·14 ✓				

Directions from gauge ...

If gauge has been moved during the year state—

Date of move.................................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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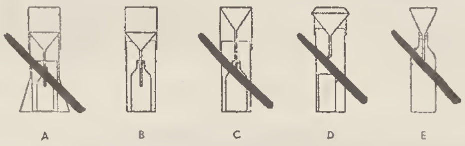

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....

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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
28 JAN. 1939

back year 1917–1937

Print
GB 13/3/39 c1938
f 697676/26

Signature G. H. Atkinson
Engineer

X FYLDE WATER BOARD X N

* See Instruction 3 (*f*) below.

D INSTRUCTIONS.

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S.O. Code No. 40-9999

X SETTLE (CATLOW

FORM 1090.

3089/4

B M
Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Catlow

In the County of Yorkshire (W.R)

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 826·58 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·60				
FEB.	3·55				
MAR.	2·25				
APRIL	1·12				
MAY	4·33				
JUNE	7·67				
JULY	6·50				
AUG.	6·65				
SEPT.	2·39				
OCT.	18·95				
NOV.	8·45				
DEC.	6·68				
TOTAL	79·14 ✓				

Signature Geo. F. Atkinson
Engineer

X FYLDE WATER BOARD X N

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. F. Atkinson, M. Inst. C.E., M. Inst. W.E.
Engineer, Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston (L.M.S. Rly) Distance 8 miles Direction from Rly Station to gauge W. by N

Nearest Parish Church at Slaidburn Distance 4·4 miles Direction from Church to gauge N by W

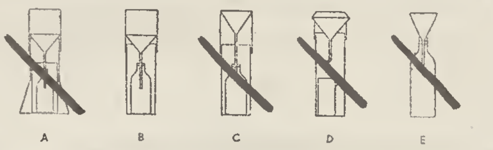
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print
GB 13/3/39 c 1938
f 697626/26

M.O. 7
28 JAN. 1939
back years 1917 – 1937)
W.P. Late

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Catlow

In the County of Yorkshire (W.R.)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 826·58 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·87				
FEB.	6·65				
MAR.	4·13				
APRIL	2·92				
MAY	1·12				
JUNE	4·45				
JULY	8·83				
AUG.	2·80				
SEPT.	2·47				
OCT.	2·97				
NOV.	9·39				
DEC.	6·81				
TOTAL	61·41 ✓				

Signature Geo. F. Atkinson
Engineer

* See Instruction 3 *(f)* below.

3089/4

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. F. Atkinson M. Inst. C.E. M. Inst. W.E.
Engineer, Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston Distance 8 miles Direction from gauge W by N

Nearest Parish Church at Slaidburn Distance 4½ miles Direction from gauge N by W

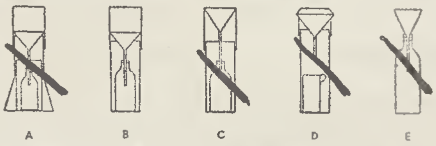
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O.
21 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3089/4

Form 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40.

At Catlow

In the County of Yorkshire (W.R)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 826·58 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	2·77				
Feb.	2·29				
Mar.	5·42				
April	4·17				
May	1·52				
June	0·98				
July	6·38				
Aug.	2·51				
Sept.	8·05				
Oct.	4·83				
Nov.	10·53				
Dec.	6·61				
Total	56·06				

Signature Geo F. Atkinson
Engineer

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Geo. F. Atkinson, M.Inst.C.E., M. Inst.W.E., Engineer,
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Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston Distance 8 miles Direction from gauge W by N

Nearest Parish Church at Slaidburn Distance 4·4 Direction from gauge N by W

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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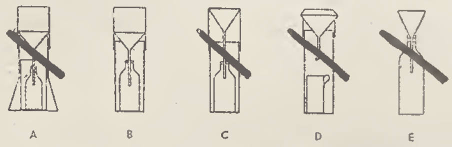

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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(c) When was the measurement made?

M. O. [illegible]
17 FEB 1941
B. R.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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X SETTLE (LAMB

FORM 1090.

B

3089/5

SETTLE
LAMB HILL
1938 — 40

780506

3089/5

*** The following register of
&c., is NOT required if
values are given on the

on and also the space for

is register should be sent:—
Inst. C.E., M. Inst. W.E.,
Board, Head Office,
ckpool.

RAINFALL IN

At Lamb Hill

In the County of Yorksh

Rain Gauge
Diameter of Funnel.........
Height of Top above Ground.....
Height of Ground above Sea Lev

m....in Summer....9 a.m.

Direction from Railway Station to
ce 8·9 miles gauge.... W. by N

Direction from Church to
nce 4·6 miles gauge.... N.N.W.

Month	Total Depth	Greatest Fa in 24 hours			
	Inches	Inches	Dat		
JAN.	10·98				
FEB.	4·02				
MAR.	2·87				
APRIL	1·50				
MAY	4·64				
JUNE	8·20				
JULY	7·44				
AUG.	7·73				
SEPT.	3·00				
OCT.	20·82				
NOV.	9·63				
DEC.	7·13				
TOTAL	87·96 ✓				

Directions from gauge ...

If gauge has been moved during the year state—

Date of move.................................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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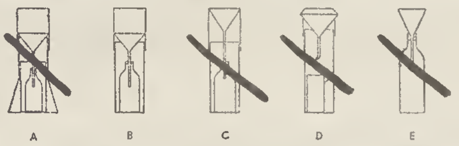

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

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In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Print c 1938
GB 13/3/39
8 697676/26

M.O. 7
28 JAN. 1939

back years 1917-39
up late

Signature Geo. A. Atkinson
Engineer.

X FYLDE WATER BOARD X

N

* See Instruction 3 (*f*) below.

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X SETTLE (LAM

3089/5

FORM 1090.

B

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RAINFALL IN 1938

At Lamb Hill

In the County of Yorkshire (W.R.)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1327·56 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	10·98				
FEB.	4·02				
MAR.	2·87				
APRIL	1·50				
MAY	4·64				
JUNE	8·20				
JULY	7·44				
AUG.	7·73				
SEPT.	3·00				
OCT.	20·82				
NOV.	9·63				
DEC.	7·13				
TOTAL	87·96 ✓				

Signature Geo. J. Atkinson
Engineer.

X FYLDE WATER BOARD X

* See Instruction 3 (f) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. J. Atkinson, M. Inst. C.E., M. Inst. W.E.,
Engineer, Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston (L.M.S. Rly) Distance 8·9 miles Direction from Railway Station to gauge W. by N

Nearest Parish Church at Slaidburn Distance 4·6 miles Direction from Church to gauge N.N.W.

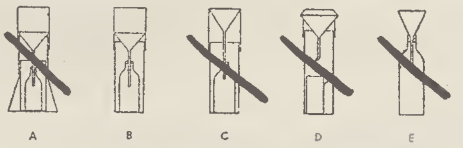
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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M.O. 7
28 JAN. 1939

back years 1917-37
up date

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D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 663/91 S.O. Code No. 40-9999

FORM 1090.

3089/5

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Lamb Hill

In the County of Yorkshire (W.R.)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1327·56 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	9·38				
FEB.	7·29				
MAR.	4·03				
APRIL	2·87				
MAY	1·52				
JUNE	4·70				
JULY	10·08				
AUG.	3·62				
SEPT.	3·09				
OCT.	3·12				
NOV.	10·32				
DEC.	7·37				
TOTAL	67·39				

Signature Geo. F. Atkinson
Engineer.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Geo. F. Atkinson, M. Inst. C.E., M. Inst. W.E.,
Engineer, Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston Distance 9 miles Direction from gauge W. by N

Nearest Parish Church at Slaidburn Distance 4½ miles Direction from gauge N.N.W.

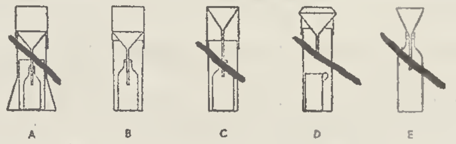
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O.
21 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in **italic type** :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3089/5

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Lamb Hill

In the County of Yorkshire (W.R)

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1327·56 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
	Inches	Inches	Date	·01 in. or more *	·04 in. or more *
JAN.	2·42				
FEB.	2·34				
MAR.	5·79				
APRIL	3·99				
MAY	1·62				
JUNE	0·92				
JULY	6·76				
AUG.	2·72				
SEPT.	8·53				
OCT.	4·86				
NOV.	10·10				
DEC.	7·11				
TOTAL	57·16				

Signature Geo. F. Atkinson

Engineer

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Geo. F. Atkinson, M. Inst.C.E., M.Inst.W.E.,
Fylde Water Board, Head Office,
Sefton Street, Blackpool.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Long Preston Distance 8.9 miles Direction from gauge W by N

Nearest Parish Church at Slaidburn Distance 4·6miles Direction from gauge N.N.W.

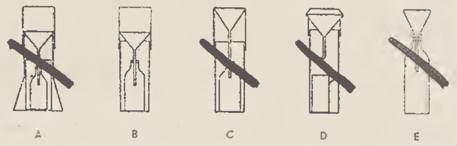
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



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M. O. 3a.
17 FEB 1941
B. R.

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3090

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1931- 40.

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948254/20 3090

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OFFICE.—BRITISH RAINFALL ORGANIZATION.

INFALL IN 1931.

400

D TO THE PREVIOUS DAY.

ading made on January 1st of the following

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
31	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·	·	·01	·14	·02	·33	·	·	·05	·15	·	·	1
2	·	·09	·	·72	·	1·30	·06	·	·75	·13	·24	·30	2
3	·	·	·	·02	·	·03	·31	·	·43	·07	2·04	·62	3
4	-	·02	·	·30	·	·	·06	·	·12	·03	·31	·46	4
5	·	·05	·	·	·	·62	·10	·26	·01	·	·	·72	5
6	-	·19	·	·	·11	·09	·48	·	·02	·23	·27	·	6
7	-	·06	·	-	·	·34	·	·15	·	·14	·11	·19	7
8	·08	·17	·08	·03	·	·	·36	·04	·	·11	·20	·03	8
9	·	·82	·05	·	·	·08	·05	·25	·05	·10	·46	·01	9
10	·06	·16	·	-	·04	·16	·01	·05	·	·01	·32	-	10
11	·28	·80	·	·10	·10	·08	·16	·02	·18	·	·27	·	11
12	·02	·30	·	·07	-	·01	·28	·	·17	·39	·19	·	12
13	-	-	·18	·05	·	·03	·19	·	·	·	·	·	13
14	·06	·03	·01	—	·20	·90	·16	·63	-	·	·42	·	14
15	·06	·34	·	·12	·06	·03	·10	·27	·01	·	·	·10	15
16	·75	·	-	·33	·22	·02	·20	·76	·18	·	-	·	16
17	·03	·14	-	·34	·03	1·28	·28	·05	·03	·	·09	·	17
18	·21	·	·	·10	·	·81	·10	·06	·	·	·70	·	18
19	·08	·21	-	·	·	·26	·	·93	·	·	·	·	19
20	-	·39	·07	·	·	·03	-	·03	·	·	·24	·	20
21	·24	·10	·15	·	·	·11	·01	·02	·	·	·21	·01	21
22	·65	·07	·	·07	·09	·01	·07	·	·	·	·04	·	22
23	·31	-	·04	·22	·55	·15	·04	·	·	·	1·25	·43	23
24	·05	·22	·	·12	·44	·	·05	·	·	·	·10	·09	24
25	·17	·52	·	·44	·10	·	·10	·	·	·	·12	·10	25
26	·14	·09	·	·02	·	·	·02	·	-	-	·92	·	26
27	·40	·25	·	·08	·01	·	·18	·	·	·32	·61	·06	27
28	·27	·06	·	·29	·07	·	·07	·	·02	-	·	·34	28
29	·19	X	·	·	·25	·	·26	·	·	·37	·	·	29
30	·	×	·	-	·13	·	·03	·	·01	·	·	·	30
31	·87	×	·	×	·02	×	·04	·	×	·03	×	·11	31
TOTAL	4·92	5·08	·59	3·56	2·44	5·67	3·77	3·52	2·03	2·08	9·11	3·57	YEAR'S TOTAL 46·34
*Days with ·01 in. or more.	20	22	8	19	17	21	27	14	14	13	21	15	211
*Days with ·04 in. or more.	18	20	6	16	13	14	23	11	8	10	21	12	172

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) J W Shepherd

[P.T.O.

948254/28 3090

COPY FOR OFFICIAL USE.

OFFICE.—BRITISH RAINFALL ORGANIZATION.

REGISTER OF RAINFALL IN 1931.

Kept at Settle (Gas Works)
in the County of York W.R.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft – in.
,, Ground ,, Sea Level 450 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
31	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·	·	·01	·14	·02	·33	·	·	·05	·15	·	·	1
2	·	·09	·	·72	·	1·30	·06	:	·75	·13	·24	·30	2
3	·	·	·	·02	·	·03	·31	·	·43	·07	2·04	·62	3
4	·	·02	·	·30	·	·	·06	·	·12	·03	·31	·46	4
5	·	·05	·	·	·	·62	·10	·26	·01	·	·	·72	5
6	·	·19	·	·	·11	·09	·48	·	·02	·23	·27	·	6
7	·	·06	·	·	·	·34	·	·15	·	·14	·11	·19	7
8	·08	·17	·08	·03	·	·	·36	·04	·	·11	·20	·03	8
9	·	·82	·05	·	·	·08	·05	·25	·05	·10	·46	·02	9
10	·06	·16	·	·	·04	·16	·01	·05	·	·01	·32	·	10
11	·28	·80	·	·10	·10	·08	·16	·02	·18	·	·27	·	11
12	·02	·30	·	·07	·	·01	·28	·	·17	·39	·19	·	12
13	·	·	·18	·05	·	·03	·19	·	·	·	·	·	13
14	·06	·03	·01	—	·20	·90	·16	·63	·	·	·42	·	14
15	·06	·34	·	·12	·06	·03	·10	·27	·01	·	·	·10	15
16	·75	·	·	·33	·22	·02	·20	·76	·18	·	·	·	16
17	·03	·14	·	·34	·03	1·28	·28	·05	·03	·	·09	·	17
18	·21	·	·	·10	·	·81	·10	·06	·	·	·70	·	18
19	·08	·21	·	·	·	·26	·	·93	·	·	·	·	19
20	·	·39	·07	·	·	·03	·	·03	·	·	·24	·	20
21	·24	·10	·15	·	·	·11	·01	·02	·	·	·21	·01	21
22	·65	·07	·	·07	·09	·01	·07	·	·	·	·04	·	22
23	·31	·	·04	·22	·55	·15	·04	·	·	·	1·25	·43	23
24	·05	·22	·	·12	·44	·	·05	·	·	·	·10	·09	24
25	·17	·52	·	·44	·10	·	·10	·	·	·	·12	·10	25
26	·14	·09	·	·02	·	·	·02	·	·	·	·92	·	26
27	·40	·25	·	·08	·01	·	·18	·	·	·32	·61	·06	27
28	·27	·06	·	·29	·07	·	·07	·	·02	·	·	·34	28
29	·19	X	·	·	·25	·	·26	·	·	·37	·	·	29
30	·	✕	·	·	·13	·	·03	·	·01	· ·	·	·	30
31	·87	✕	·	✕	·02	✕	·04	·	✕	·03	✕	·11	31
TOTAL	4·92	5·08	·59	3·56	2·44	5·67	3·77	3·52	2·03	2·08	9·11	3·57	YEAR'S TOTAL 46·34
*Days with ·01 in. or more.	20	22	8	19	17	21	27	14	14	13	21	15	211
*Days with ·04 in. or more.	18	20	6	16	13	14	23	11	8	10	21	12	172

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) J W Shepherd

[P.T.O.

Section **A** for the entry of Daily Observations. Station No 3090 3090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

File No 948294/29

400

Kept at Settle (Gas Works)

in the County of York W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

As before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
32	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·27	·01	·	·30	·01	·	·23	·02	·72	·27	·19	·18	1
2	·87	·	·	·	·28	·	·11	·03	·79	·	·13	·77	2
3	·09	·	·	·02	·	·	·05	·13	·24	·	·02	·32	3
4	·17	·	·	·	·	·	·34	·03	·06	·02	·05	·05	4
5	1·28	·	·13	·14	·03	·	·04	·02	·20	·	·	·	5
6	1·11	·	·25	·30	·	·	·	·	·21	·03	·	·	6
7	·04	·	·68	·31	·12	·	·	·	·42	·60	·	·	7
8	·	·01	·	·17	·	·	·	·	·85	·66	·	·	8
9	·36	·06	·	·84	·11	·	·	·	·05	·	·	·07	9
10	·36	·02	·	·10	·	·	·	·	·82	·24	·02	·	10
11	·10	·13	·	·05	·41	·	·53	·	·06	·03	·	·	11
12	·41	·02	·	·	·39	·01	·04	·32	·01	·29	·	·	12
13	·01	·01	·	·19	·05	·	·06	·02	·12	·33	·	·21	13
14	·20	·	·	·05	·	·	·	·	·02	·05	·	·03	14
15	·11	·	·	·02	·99	·	·	·	·	·07	·10	·19	15
16	·78	·	·	·01	·	·	·36	·	·	·07	·	·06	16
17	·02	·	·	·	·	·	·08	·02	·07	·49	·	·01	17
18	·	·	·	·	·31	·	·	·	·	·	·02	·	18
19	·	·	·09	·22	·15	·	·01	·	·	·29	·	·01	19
20	·	·	·02	·15	·18	·	·	·32	·	·24	·07	·03	20
21	·05	·	·31	·02	·32	·	·11	·20	·	·95	·07	·15	21
22	·01	·	·28	·28	·	·	·20	·	·	·19	·85	·07	22
23	·	·02	·	·09	·10	·	·08	·	·	·05	·36	·10	23
24	·04	·	·	·	·03	·	·41	·	·53	·23	·38	·	24
25	·	·	·	·23	·05	·01	·09	·	·16	·54	·26	·01	25
26	·	·	·	·03	·17	·	·41	·	·03	·50	·31	·	26
27	·	·	·40	·30	·20	·68	·62	·	·	·02	·03	·05	27
28	·	·	·09	·06	·23	·09	·24	·	·	·	·03	·02	28
29	·03	·	·73	·06	·05	·06	·42	·11	·07	·75	·61	·28	29
30	·	×	·07	·02	·	1·09	·14	·	·19	·01	·42	·08	30
31	·02	×	·05	×	·	×	·05	·	×	·	×	·13	31
TOTAL 99	6·33	·28	3·10	3·96	4·18	1·94	4·62	1·22	5·62	6·92	3·92	2·82	YEAR'S TOTAL 44·91
Days with ·01 in. or more.	27	8	12	24	20	6	22	11	20	24	18	21	207
Days with ·04 in. or more.	16	2	11	~~17~~ 18	17	4	21	5	17	19	13	15	15~~9~~ 8

40-9999

(Signed) J W Shepherd

[P.T.O.

KJ File no 948294/29

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Settle (Gas Works)

in the County of York

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 450 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
33	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·43	·13	·	·	·	·	·02	·08	·	·67	·	1
2	·48	·	·26	·04	·	·10	·	·02	·	·	·	·	2
3	·07	·54	·39	·05	·28	·	·	·	·	·	·	·	3
4	·25	·52	·18	·	·21	·	·	·	·	·	·02	·	4
5	·14	·29	·16	·01	·11	·	·	·	·	·	·01	·	5
6	·07	·13	·03	·	·52	·	·	·	·	·	·	·02	6
7	·16	·27	·10	·	·17	·	2·15	·05	·	·25	·	·04	7
8	·32	·07	·20	·31	·02	·	·14	·	·	·	·04	·07	8
9	·	·98	·	·05	·08	·	·91	·	·	·70	·13	·03	9
10	·12	·03	·	·	·	·06	·36	·	·	·74	·01	·	10
11	-	·01	·	·	·	·	·23	·	·	·31	·	·03	11
12	·02	·	·	·	·	·10	·47	·	·	·08	·	·	12
13	·	·	·02	·	·20	·	·36	·34	·18	·39	·21	·	13
14	·29	·	·13	·	·	·	·05	·09	·	·02	·44	·03	14
15	·03	·	·10	·	·	·	·06	·13	·	·69	·62	·	15
16	·06	·	·09	·03	·12	·22	·04	·	·	·14	·26	·	16
17	·08	·	·32	·	·	·27	·	·10	·06	·08	·09	·	17
18	·	·03	·17	·	·	·27	·	·06	·	·	·02	·	18
19	·	·	·22	·01	·	·13	·03	·05	·33	·	·10	·	19
20	·	·13	·	·	·07	·	·	·21	·11	·	·	·	20
21	·	·	·	·	·	·	·	·03	·11	·	·	·	21
22	·	·	·	·	·	·40	·	·02	·02	·12	·	·	22
23	·	·02^{s}	·	·32	·	·	·	·01	·	·02	·02	·	23
24	·	·08^{s}	·	·16	·13	·10	·	·	·40	·	·	·	24
25	·	·37^{s}	·	·18	·05	·	·	·	·70	·02	·	·12	25
26	·	·67^{s}	-	·16	·	·	·	·	·	·17	·	·	26
27	·	·05	·	·	·02	·	·	·	·	·	·	·	27
28	·	·	·	·01	·	·	·13	·29	·	·10	·	·	28
29	·	X	·	·01	·05	·	·06	·05	·	·01	·	·02	29
30	·07	X	·11	·34	·	·	·45	·	·	·17	·	·26	30
31	1·32	X	·17	X	·	X	·08	·12	X	·10	X	·03	31
TOTAL	3·53	4·62	2·78	1·68	2·03	1·65	5·52	1·59	1·99	4·11	2·64	·65	YEAR'S TOTAL 32·79
*Days with ·01 in. or more.	16	17	17	14	14	9	15	16	9	18	14	10	169
*Days with .04 in. or more.	14	13	15	9	12	9	14	11	8	14	9	4	132

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*See Instruction 2 (*f*) on other side.

D

(*Signed*) J W Shepherd

P.T.O.

✓ ✓ ✓ 181.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Gas Works, Settle

in the County of York W. R

400

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 3 ft. — in.

,, Ground ,, Sea Level 450 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
34	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·23	-	·02	·	·	·	·	·19	·	·01	·	·28		1
2	·	·02	·11	-	·	·	·	·55	·31	·	·23	·22		2
3	·12	·	·06	·	·	·	·	·01	·	·30	·17	·14		3
4	·22	·	·02	·07	·02	·	·	·08	·13	1·07	·	·69		4
5	-	·	·16	·	·20	·	·	·33	·	·12	·	·57		5
6	·23	·	·02	·	·59	·02	·	·15	·03	·34	·	·23		6
7	·43	·14	·20	·08	~~·09~~	·	·	·	·	·02	·19	·88		7
8	·	·01	·05	·	·09	·36	·	·04	·01	·29	·25	·20		8
9	·01	·01	·04	·09	·	·	·	·10	·	·05	·31	·		9
10	·	·	·24	·06	·	·	·	·70	·	·26	·12	·		10
11	·28	·	·03	·34	·	·	·	·38	·	·02	·	·05		11
12	·01	·	·03	·26	·	·	·22	·	·	·02	·	·12		12
13	·60	·	·	·04	·08	·	·06	·03	·	·05	·04	·		13
14	·22	·	·32	·	·09	·03	·	·	·	·42	·	·15		14
15	·42	·	·11	·	1·22	·	·04	·09	·62	·06	·01	·54		15
16	·59	·	·40	-	·16	·10	·01	·	·	·	·	·		16
17	·77	·	·20	·04	·21	·	·31	·	·18	·04	·	·54		17
18	·41	·	·26	·11	·61	·28	·	·04	·04	·	·	·42		18
19	·	·01	·09	·07	·13	·33	·01	·01	·33	·14	·	·25		19
20	·01	·	·	·09	·25	·01	·	·31	·09	·02	·	·		20
21	·05	·	·02	-	·03	·63	·	·24	·07	·17	·	·01		21
22	·03	·	·	·01	·	·05	·	·66	·59	·13	·	·02		22
23	·	·	·13	·54	·	·	·12	·	·	·25	·	·14		23
24	·	·09	·02	·13	·07	·04	·	·	·26	·47	·	·		24
25	·28	·	·	·42	·02	·	·11	·	·33	·45	·	·63		25
26	·09	·	·04	·25	·	·32	·09	·	·44	·34	·	·01		26
27	·	·	·	·02	·	·32	·22	·	·15	·79	·11	·32		27
28	·	·	·	·10	·	·10	·14	·38	·	·14	·	·46		28
29	·	×	·01	·	·	·	·26	·43	·29	·12	·	·21		29
30	·08	×	·	·	·	·	·11	·	·51	·13	·	·33		30
31	·03	×	·	×	·	×	·	·	×	·02	×	·10		31
99 TOTAL	5·71 ✓	·28 ✓	2·58 ✓	2·72 ✓	3·77 ✓	2·59 ✓	1·70 ✓	4·72 ✓	4·38 ✓	6·24 ✓	1·43 ✓	7·51 ✓	~~43·09~~ ~~43·03~~	43·03 ✓
*Days with ·01 in. or more.	21 ✓	6 ✓	23 ✓	18 ✓	15 ✓	13 ✓	13 ✓	19 ✓	17 ✓	28 ✓	9 ✓	25 ✓	43·03 207 ✓	
*Days with .04 in. or more.	16 ✓	2 ✓	15 ✓	16 ✓	12 ✓	10 ✓	11 ✓	16 ✓	15 ✓	22 ✓	8 ✓	22 ✓	165 ✓	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) J. W. Shepherd

P.T.O.

COPY FOR OFFICIAL USE. 1118

Section **A** for the entry of Daily Observations. Station No. 3090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

File No 948294/29

4·00

Kept at Settle (Gas Works)

in the County of York

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 2 ft 6 in.

,, Ground ,, Sea Level 450 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
35	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·31	·15	·	·	·	·	·25	·	·31	·58	·20	·56		1
2	·	·20	·04	·	·	·03	·03	·	·11	·43	·13	·24		2
3	·07	·33	·11	·14	·	·07	·18	·	·48	·	·16	·12		3
4	·	·06	·20	·	·	·16	·06	·	·12	·22	·	·01		4
5	·	·43	·08	·03	·	·01	·02	·	·05	·26	·10	·05		5
6	·	·	·	·07	·	·43	·	·	·	·01	·	·		6
7	·07	·	·	·16	·	·48	·	·	·	·21	·	·12		7
8	·	·	·	·22	·	·06	·	·	·	·44	·03	·20		8
9	·	·01	·	·47	·	·09	·	·	·	1·33	·20	·		9
10	·03	·08	·	·66	·	·01	·	·01	·	·25	·19	·		10
11	·66	·31	·	·	·	·61	·	·15	·	·25	·10	·		11
12	·	·34	·	·	·	·15	·	·	·05	·	·03	·		12
13	·18	·14	·	·07	·13	·	·	·	·10	·17	·02	·		13
14	·01	·13	·	·	·06	·16	·19	·07	·24	·01	·83	·14		14
15	·	1·84	·	·37	·16	·	·	·	·50	·20	·09	·40		15
16	·	1·15	·05	·37	·54	·02	·17	·06	·67	·	·26	·		16
17	·	·	·	·45	·33	·28	·01	·15	·98	·06	·42	·		17
18	·	·13	·	·02	·01	·04	·08	·	·54	·95	·	·		18
19	·	·26	·	·11	·	·38	·15	·	·05	·19	·19	·		19
20	·	·95	·	·77	·	·10	·01	·	·	·	·01	·		20
21	·	·25	·02	·	·	·	·	·	1·48	·14	·	·14		21
22	·	·05	·33	·01	·	·	·	·	·05	·	·	·		22
23	·03	·04	·41	·	·	·	·	·46	·06	·25	·	·		23
24	·31	·84	·04	·04	·	·	·	·	1·25	·05	·	·14		24
25	·15	·05	·02	·	·	·06	·	·	·	·	·18	·01		25
26	·	·	·	·	·	·16	·01	·78	·44	·34	·08	·20		26
27	·01	·12	·	·	·	·05	·37	·	·24	·78	·37	·08		27
28	·	·22	·	·	·	·	·	·	·07	·28	·20	·03		28
29	·	×	·09	·	·	·09	·	·06	·19	·65	·37	·49		29
30	·05	×	·	·04	·	·29	·	·11	·79	1·19	·81	·06		30
31	·01	×	·	×	·	×	·	·01	×	·07	×	·56		31
TOTAL 99	1·89	8·08	1·39	4·00	1·23	3·73	1·53	1·86	8·77	9·31	4·97	3·55	Year's Total. 50·31	✓
* Days with .01 in. or more.	13 ✓	23 ✓	11 ✓	17 ✓	6 ✓	22 ✓	13 ✓	10 ✓	22 ✓	25 ✓	22 ✓	18 ✓	202	✓
* Days with .04 in. or more.	8 ✓	22 ✓	9 ✓	14 ✓	5 ✓	18 ✓	8 ✓	8 ✓	22 ✓	23 ✓	18 ✓	15 ✓	170	✓

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) J. W. Shepherd

[P.T.O.

File no 948294/29

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No** 3090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Settle (Gas Works)

in the County of York W.R.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 6 in.

,, Ground ,, Sea Level 450 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
36	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·02	·07	·04	·	·06	·	·33	·10	·	·10	·17	1
2	·	·	·01	·	·	·12	·01	·10	·03	·	·06	·20	2
3	·	·	·	·	·	·21	·07	·05	·53	·	·	·07	3
4	·46	·09	·13	·	·	·03	·01	·07	·25	·	·06	·81	4
5	·14	·	·22	·	·	·	·	·25	·33	·	·22	·46	5
6	·38	·	·01	·	·	·	·07	·65	·50	·	·28	·02	6
7	·	·	·33	·	·	·	·11	·	·46	·	·91	·19	7
8	·50	·	·35	·	·	·	·	·	·	·	·16	·05	8
9	·84	·	·20	·	·	·	·12	·	·12	·	·77	·	9
10	·38	·	·	·	·	·	·26	·	·	·02	·62	·	10
11	·	·	·	·05	·	·08	·11	·02	·08	·	·61	·05	11
12	·02	·	·	·11	·03	·24	·27	·10	·57	·	·08	·04	12
13	·	·	·	·18	·01	·	·23	·		·13	·03	1·19	13
14	·	·	·	·12	·	·20	·18	·10	·	·05	·32	1·59	14
15	·19	·	·	·	·10	·16	·05	·06	·	·02	·46	·20	15
16	-	·02	·08	·	·04	·02	·03	·	·	·04	·71	·	16
17	·19	·47	·01	·	·15	·	·18	·05	·	·57	·15	·41	17
18	·	·08	·	·03	·	·	·01	·13	·	·87	·	·27	18
19	·52	·33	·04	·07	-	·01	·11	·24	·	·11	·	·02	19
20	·12	·16	·03	·	·	·01	·38	·	·	·06	·	·	20
21	·05	·03	·	·	·	·01	·	·04	·	·01	·	·06	21
22	·16	·21	·02	·	·	·85	·01	·	·	·	·	·07	22
23	·	·05	·15	·20	·04	·	1·16	·	·	·10	-	·	23
24	·19	·03	·	·03	·40	·	·11	·05	·39	1·44	·	·	24
25	·30	·	·	·06	·	·	·15	·	·26	·21	·	·01	25
26	·30	·36	·01	·	·	·	·04	-	·73	·51	·	·01	26
27	·68	·02	·03	·05	·	·	·	·	·05	·35	·	·	27
28	·35	·39	·26	·02	·	·	·03	·	·	·	·	·01	28
29	·	·19	·48	·	·28	·61	·21	·	·	·05	·08	·04	29
30	·14	✕	·05	·	·32	·43	·15	·	·	·25	·10	·14	30
31	·01	✕	·09	✕	·	✕	·	·	✕	·01	✕	·59	31
TOTAL 99	5·97	2·38	2·57	·96	1·37	3·04	4·06	2·24	3·80	4·80	5·72	6·67	YEAR'S TOTAL 43·58
*Days with ·01 in. or more.	21	15	20	12	9	15	25	15	14	18	18	24	206
*Days with .04 in. or more.	19	10	13	9	7	10	19	14	13	14	17	19	164

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) J W Shepherd

P.T.O.

COPY FOR OFFICIAL USE File No 948294/29

Section **A** for the entry of Daily Observations Station No. 3090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Settle Gas Works

in the County of York W.R

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 2 ft. 6 in.

,, Ground ,, Sea Level 450 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
37	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·22	·09	·17	·	·	·	·03	-	·28	·04	·	·18		1
2	·34	·57	·07	·18	·	·	·	·	·01	·	·	·01		2
3	·04	·28	·05	·32	·13	·02	·26	·	·07	·	·	·03		3
4	·35	·12	·05	·06	·08	·48	·01	·	·04	·	·	·50		4
5	·89	·	·02	·06	·05	·	·03	·	·27	·	·	·04		5
6	·06	·02	·	·19	·17	·01	-	·	·05	·	·	·		6
7	·03	·29	[illegible]	·30	·15	-	·	·	·14	·	·04	·		7
8	·01	·78	·03	·06	·	·18	·05	·02	·	·	·01	·01		8
9	·03	·32	·08	·15	·11	·21	·33	·07	·	·	·	·		9
10	-	·17	·	·	·11	-	·02	·	·	-	·	·38		10
11	-	·02	·24	·	·09	·	·	·	·	·	·	·07		11
12	·34	·33	·33	·01	·	·07	·02	·08	·23	·	·	·45		12
13	·	·12	·03	·01	·	·19	·	·42	·02	-	·	·34		13
14	·	·11	·	·	·	-	·01	·48	·09	·	·	·15		14
15	·68	·64	·	·37	·	·	·31	·01	·33	·	·	·03		15
16	·07	·38	·24	·63	·	·	·	·22	·	·	·	·03		16
17	·17	·02	·23	·14	·	·05	·	·01	·36	·	·	·		17
18	·	·42	·11	·07	·05	·04	·	·34	·02	·	·74	·		18
19	·25	·18	·08	·19	·	·11	·	·02	·23	·	·38	·		19
20	·12	·30	·	·02	·58	·04	·	·	·	·	·06	·05		20
21	·05	·11	·	·10	·04	·	·46	·	·	·15	·	·16		21
22	·06	·	·14	·02	·06	·	·04	·	·	·18	·07	·04		22
23	·07	·	·02	·	·61	·	·24	·	-	·40	·05	·		23
24	·06	·09	·12	·	-	·	·01	·	·16	·15	·01	·09		24
25	·07	1·10	·10	·	·03	·	·	·13	·01	·19	·	·04		25
26	-	·49	·	·	·54	·	·	·	·	·	·	·03		26
27	·	·45	·	·20	·	·	·	·	·	·52	·	·01		27
28	·03	·78	·	·	·	·06	·	·	·	·14	·	·01		28
29	·01	✕	·	·	·	·02	·	·	·	·03	·07	·		29
30	·11	✕	-	·	·	·13	·	·01	·	·18	·35	·		30
31	·37	✕	·	✕	·	✕	·	·07	✕	·15	✕	·		31
99 TOTAL	4·43	8·18	2·11	3·08	2·80	1·61	1·82	1·88	2·31	2·13	1·78	2·65	Year's Total 34·78	✓
* Days with .01 in. or more.	24	25	18	19	15	14	14	13	16	11	10	21	200	✓
* Days with .04 in. or more.	19	22	15	15	14	11	7	8	12	10	8	14	155	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. W. Shepherd

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Gas Works . Settle

in the County of York W.R

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
38	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02	·23	·	·01	·02	·76	·	·05	·	·18	·37	·66		1
2	·02	·05	·	·59	·	·07	·01	·	·01	2·13	·05	·11		2
3	·01	·	·	·	·	·01	·12	·	·21	2·27	·42	·01		3
4	–	·03	·	·03	·	·11	·23	·04	·	·96	·11	·85		4
5	·01	·04	·	·	·	·01	·08	·41	·11	·88	·02	·07		5
6	·63	·	·	·	·	·22	·13	·02	·12	·50	·06	·04		6
7	·42	·	·	·	·	·	·63	·21	·07	·57	·	·		7
8	·56	·01	·	·	·	·03	·29	·95	·	1·75	·02	·33		8
9	·07	·37	·13	·	·02	·18	·26	·03	·	·61	·	·34		9
10	·01	·03	·04	·	·	·29	·14	·	·	·10	·	·07		10
11	·22	·08	·	·	·02	·20	·19	·	·02	·17	·17	·05		11
12	·71	·	·	·	·31	·	·01	·03	·	1·21	·30	·06		12
13	·06	·03	·	·	·	·	·08	·01	·08	·57	·63	·36		13
14	·63	·	·	·	·17	·	·02	·	·12	·01	·	·03		14
15	·96	·	·09	·	·	·	·43	·23	·	·13	·	·30		15
16	·78	·	·27	·	·03	·	·27	·35	·02	·10	·11	·10		16
17	–	·	·04	·	·04	·	·08	·24	·28	1·10	·01	·03		17
18	·09	·	·	·	·05	·05	·	·30	·05	·33	·80	·		18
19	·02	·	·03	·	·	·	·	·82	·07	·03	·20	·10		19
20	·34	·	·09	·	·	·	·	·14	·18	·	·09	·11		20
21	–	·	·04	·	·	·	·	·16	·01	·	·11	·02		21
22	·03	·	·	·05	·	·04	·	·	·	·03	·45	·04		22
23	·04	·	·	·	·23	·35	·	·	·03	·	·36	·02		23
24	·32	·01	·18	·	·02	·02	·35	·80	·10	·06	·16	·01		24
25	·26	·24	·04	·	·05	·03	·87	·	·	·43	·71	·13		25
26	·19	·37	·17	·	·11	·06	·	·	·	·33	·20	·04		26
27	·25	·28	·02	·	·47	·71	·31	·18	·	·02	·44	·		27
28	·84	·20	·07	·	·81	1·14	·02	·	·10	·01	·03	·07		28
29	·16	X	·07	·01	·51	·27	·25	·	·	·07	·38	·74		29
30	·14		·	·	·06	·15	·13	·	·43	·06	·13	·18		30
31	·43		·06		·41		·	·		·60		·76		31
99 TOTAL	8·22	1·97	1·34	·69	3·33	4·70	4·90	4·97	2·01	15·21	6·33	5·63	Year's Total 59·30	✓
* Days with .01 in. or more.	28	14	15	5	17	20	22	18	18	28	25	28	238	✓
* Days with .04 in. or more.	21	9	13	2	12	15	18	14	13	23	21	22	183	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J W Shepherd

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3020 9

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Gas Works. Settle

in the County of York W.R.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level ......ft.

D 9/5

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
39	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·25	·	·33	·04	·	·	·11	·01	-	·	·	·80		1
2	·	·	·07	·04	·	·	·30	·79	·62	·	·07	·23		2
3	·	·	·06	·05	·	·	·01	·01	·03	·06	·07	·82		3
4	·07	·	·52	·18	·	·	·69	·	·	·03	·01	·42		4
5	·	·	·03	-	·31	·	·84	·07	-	·58	·93	·		5
6	·64	·01	·04	-	·	·	·94	·	·	·	·08	·		6
7	·66	·27	·22	-	·05	·	·13	·	·	·	·17	·14		7
8	1·44	·25	·24	·28	·	·	·31	·01	·	·07	·31	·44		8
9	·17	·35	·	·	·	·	·01	·58	-	·58	·23	·59		9
10	·06	·02	·03	·	·	·10	·	·11	·35	·18	·	·05		10
11	·38	·32	·25	·	·	·50	·	·20	·	·04	·04	·		11
12	·07	·32	·	·	·	·03	·	·	·	·	·	·		12
13	·	·	·	·22	·15	·25	·15	·	·05	·12	·11	·		13
14	·91	·	·	·08	·14	·87	·13	·	·	·	·63	·		14
15	·43	·03	·02	·37	·	·80	·18	·	·	·	·24	·		15
16	·66	·06	·05	·04	·05	·	·30	·	·	·	·04	·		16
17	·63	·32	·	·13	·	·01	-	·	·	·	·	·		17
18	·02	·14	·05	·	·	·	·13	·	·	·01	·59	·		18
19	·21	·	-	·	·02	·	·30	-	·	-	·	·		19
20	·	·	-	·	·01	·05	·	·03	·	·	·	·		20
21	·12	·16	·31	·15	·	·	-	1·05	·	·	·	-		21
22	·41	·60	·03	·19	·	-	·05	·	·	·	·35	·		22
23	·	·12	·03	·19	·	·17	·15	·	·	·20	·13	·		23
24	·	·19	·01	·10	·	·	·11	·01	·	·	-	·02		24
25	·40	·20	·02	·02	·	·01	·	·	·	·	1·47	·03		25
26	·05	·16	·01	·	·	·	·	·12	·	·27	·08	·		26
27	·03	·92	·16	·	·	·34	·06	·02	-	·19	·21	·05		27
28	·	·42	·08	·	·	·21	·37	·	·	·01	·69	·		28
29	·	X	·03	·	·	·05	·75	·	·	·37	·33	·		29
30	·	✕	·	·	·	·25	·50	·	·	·	1·10	·		30
31	·	✕	·	✕	·	✕	·02	·	✕	·	✕	·		31
99 TOTAL	7·61	4·86	2·59	2·08	·73	3·64	6·54	3·01	1·05	2·71	7·88	3·59	Year's Total 46·29	✓
Days with .01 in. or more.	20	19	22	15	7	14	23	13	4	14	22	11	184	✓
* Days with .04 in. or more.	18	16	13	14	5	11	20	~~2~~7	3	11	21	9	148	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) J. W. Shepherd

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3090

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Settle Gas Works

in the County of Yorkshire

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground 3 ft. – in.

,, Ground ,, Sea Level 450 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following 3090

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
40	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·18	–	–	·02	–	–	–	·22	·12		1
2	–	–	–	·22	–	–	·11	–	–	–	·84	·11		2
3	–	·05	–	·09	–	–	·15	–	–	–	–	·10		3
4	–	·13	–	·19	–	–	·32	–	–	·25	·15	·21		4
5	–	–	–	–	·08	–	·32	–	–	·95	–	·59		5
6	·05	·06	–	–	–	–	·02	–	–	·73	·04	·17		6
7	·07	·21	–	·22	·06	–	·02	·14	·24	·10	·02	–		7
8	·01	–	·02	·02	–	–	–	·11	–	·41	·08	·15		8
9	–	–	·08	–	–	–	·72	·23	·11	·71	1·05	·18		9
10	–	–	·05	–	–	–	·43	·28	–	·27	·58	·41		10
11	–	–	·07	·02	–	–	·06	–	–	–	1·48	·02		11
12	–	·01	·57	–	–	·02	·06	·08	1·38	–	·20	–		12
13	–	·01	·03	·15	–	–	–	·02	·72	–	·21	·05		13
14	–	·06	·08	·38	·04	–	–	·05	·08	–	–	·82		14
15	–	–	·01	·09	·20	·15	–	–	·14	–	·28	·05		15
16	–	·01	·08	·11	–	–	·17	–	1·44	·27	–	·14		16
17	SNOW ·21	–	·32	·03	·34	–	·90	·01	·65	·01	·33	·01		17
18	–	·01	·31	·16	–	–	·40	·18	·42	–	–	·37		18
19	SNOW. ·02	·11	·24	·11	–	–	·49	–	·14	–	·26	·01		19
20	–	·02	·39	·60	–	–	·38	·39	·04	·12	·21	–		20
21	–	–	·35	–	–	·12	·04	·01	·01	–	·34	–		21
22	–	·10	·10	–	–	·07	–	·03	·08	·20	–	–		22
23	–	·12	·10	·04	·30	–	·08	–	·04	–	·11	–		23
24	SNOW ·73	·04	·05	·08	–	–	–	–	·01	·02	–	·02		24
25	SNOW ·02	–	–	–	·07	·02	·08	–	–	–	–	–		25
26	SNOW ·30	·26	–	–	·09	·14	–	·12	–	–	·13	–		26
27	SNOW. –	·51	–	·03	·05	–	–	·02	–	–	·07	–		27
28	SNOW. ·50	·17	–	–	·13	–	–	·06	–	–	–	·13		28
29	–	–	·59	·01	·16	·11	–	–	–	·02	–	·48		29
30	–	✕	·01	·01	–	–	–	–	–	·90	·02	·34		30
31	–	✕	·21	✕	·02	✕	–	·16	✕	·42	✕	–	41·03	31
99 TOTAL	1·91	1·88 ~~[illegible]~~	3·66	2·74	1·54	·63	4·77	1·89	5·50 ~~3·46~~	5·38	6·62	4·51	Year's Total ~~[illegible]~~	~~41·48~~
* Days with .01 in. or more.	9	17	20	20	12	8	20	16	15	15	20	21	188	
* Days with .04 in. or more.	6	12	16	14	11	5	16	11	13	12	18	17	151	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) J. E. Ashworth [P.T.O.

3091
120

3091

SETTLE

GIGGLESWICK SCHOOL

1931 — 40

780506

Section **A** for the entry of … FOR OFFICIAL USE.
AIR MINISTRY … ORGANIZATION.

FORM 1090.

REGIST…

Kept at Giggles…

in the County of Yor…

Diameter of Funnel of Gauge…
Height of top of Gauge above Ground…
,, Ground ,, Sea Le…

THE MORNING MEASU…

An observer who does not conform to … year in the space on the right of thi… …owing

Please read th…

Jan. 1, following.

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2		·08		·55		1·30			·83				2
3											1·56		3
4		·04											4
5												·66	5
6		·20					·64						6
7													7
8		·19											8
9		·70											9
10	·10	·15											10
11	·24	·55											11
12		·14								·35			12
13		·05	·18										13
14		·03											14
15	·06	·29											15
16	·44												16
17	·02	·01											17
18	·20												18
19	·08	·21						·93					19
20		·30											20
21	·21	·03											21
22	·60	·72											22
23	·24												23
24	·02	·17			·50								24
25	·20	·37											25
26	·09	·07											26
27	·32	·24											27
28	·28												28
29	·16									·35			29
30		×											30
31	·20	×		×		×			×		×		31
TOTAL	3·46	3·97	0·55	3·22	2·30	5·50	4·11	3·26	2·09	1·90	8·16	3·04	YEAR'S TOTAL 41·56
Days with ·01 in. or more.	17	20	5	19	12	21	27	13	11	14	23	17	199
Days with ·04 in. or more.	15	18	5	16	11	15	21	10	8	10	21	13	163
40-9999	88·0	100·8	14·0	81·6	58·5	139·7	104·5	82·7	53·0	48·3	207·3	77·3	1055·7

(Signed) The Headmaster

P.T.O.

Section **A** for the entry of

FOR OFFICIAL USE. 3091

120

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Jan [illegible]

accepted

Kept at Giggleswick

in the County of Yorks. W. Riding.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2		·08		·55		1·30			·83				2
3											1·56		3
4		·04											4
5												·66	5
6		·20					·64						6
7													7
8		·19											8
9		·70											9
10	·10	·15											10
11	·24	·55											11
12		·14								·35			12
13		·05	·18										13
14		·03											14
15	·08	·29											15
16	·44												16
17	·02	·04											17
18	·20												18
19	·08	·21						·93					19
20		·30											20
21	·21	·03											21
22	·60	·72											22
23	·24												23
24	·02	·17			·50								24
25	·20	·37											25
26	·09	·07											26
27	·32	·24											27
28	·28												28
29	·16									·35			29
30		×											30
31	·20	× 100.8		×		×			×		×		31
TOTAL	3·46	3·97	0·55	3·22	2·30	5·50	4·11	3·26	2·09	1·90	8·16	3·04	YEAR'S TOTAL 41·56
Days with ·01 in. or more.	17	20	5	19	12	21	27	13	11	14	23	17	199
Days with ·04 in. or more.	15	18	5	16	11	15	21	10	8	10	21	13	163
40-9999	88·0	100·8	14·0	81·6	58·5	139·7	104·5	82·7	53·0	48·3	207·3	77·3	1055·7

(Signed) The Headmaster

[P.T.O.

3091

Section A for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

120

FORM

REGISTER OF RAINFALL IN 1932.

Kept at Giggleswick

in the County of Yorks. W. Riding

Diameter of Funnel of Gauge............in.

Height of top of Gauge above Ground.......ft.......in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2									·69			·43	2
3													3
4													4
5	1·01												5
6	1·01												6
7													7
8													8
9		·08		·55									9
10													10
11													11
12													12
13													13
14													14
15					·89								15
16													16
17													17
18													18
19													19
20								·44					20
21										·94			21
22											·65		22
23													23
24													24
25													25
26							·57						26
27													27
28													28
29			·69										29
30		✗				1.10							30
31		✗		✗		✗			✗		✗		31
TOTAL	5·18	0·19	2·78	3·44	4·11	1·90	4·33	1·30	5·43	6·56	3·15	2·83	YEAR'S TOTAL 41·20
*Days with ·01 in. or more.	16	4	13	21	20	5	21	11	19	26	17	19	192
*Days with ·04 in. or more.	15	2	10	15	19	3	19	8	18	21	13	16	159
40-9999	131·6	4·8	70·6	87·5	104·3	48·2	110·0	32·9	138·0	166·6	80·1	71·8	

*See Instruction 2 (*f*) on other side.

(*Signed*)......................... [P.T.O.

3091

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

120

Kept Giggleswick

in the County of Yorks. W. Riding

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground 1 ft .... in.

,, Ground ,, Sea Level 575 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1											·61		1
2													2
3			·42										3
4													4
5													5
6					·52								6
7							2.50						7
8													8
9													9
10										·75			10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22						·29							22
23				·30									23
24													24
25									·53				25
26		·87											26
27													27
28								·36					28
29													29
30		×										·24	30
31	1·22	×		×		×			×		×		31
TOTAL	3·12	3·53	2·67	1·52	2·15	1·49	5·45	1·63	1·88	3·87	2·48	0·67	YEAR'S TOTAL 30·46
*Days with ·01 in. or more.	16	12	18	11	14	10	15	16	8	16	13	10	159
*Days with ·04 in. or more.	14	11	15	9	11	9	11	11	7	14	8	6	126
40-9999	79·2	89·6	67·8	38·6	54·6	37·9	138·5	41·4	47·8	98·3	63·1	17·0	~~773·8~~

*See Instruction 2 (*f*) on other side.

D

(Signed) ....

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. ~~128~~ 3091

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Giggleswick

in the County of Yorks W. Riding

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground 1 ft .... in.

,, Ground ,, Sea Level 575 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4										·87				4
5														5
6														6
7		·11										·81		7
8														8
9											·33			9
10								·57						10
11														11
12							·43							12
13	·57													13
14														14
15					1·04				·65					15
16			·37											16
17														17
18														18
19														19
20														20
21						·61								21
22														22
23				·50										23
24														24
25														25
26														26
27														27
28														28
29														29
30		×												30
31		×		×		×			×		×			31
TOTAL	4·24 ✓	·23 ✓	2·44 ✓	2·61 ✓	3·28 ✓	2·47 ✓	1·96	4·41 ✓	4·17 ✓	5·61	1·37 ✓	6·97 ✓	Year's Total 39·76 ✓	
*Days with ·01 in. or more.	19	4	23	16	15	12	11	20	17	28	11	23	199 ✓	
*Days with .04 in. or more.	18	2	17	14	13	10	11	16	16	23	9	22	171	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ....

P.T.O.

COPY FOR OFFICIAL USE. ✓

Section **A** for the entry of Daily Observations. Station No. 3091

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

120

Kept at Giggleswick

in the County of York W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground 1 ft .... in.

,, Ground ,, Sea Level 575 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7						0.57								7
8														8
9										1.18				9
10														10
11	·33													11
12														12
13														13
14											·77			14
15		1.10												15
16					0.76									16
17														17
18														18
19														19
20				0.82										20
21									1.60					21
22														22
23			0.38											23
24														24
25														25
26								0.73						26
27							0.29							27
28														28
29														29
30		×												30
31		×		×		×			×		×	·62		31
TOTAL	1.69	5.88	1.19	3.73	1.12	3.63	1.42	1.90	8.98	7.09	4.36	3.43	Year's Total 44.42	✓
*Days with ·01 in. or more.	13	22	10	16	5	21	13	10	22	23	21	17	193	
*Days with ·04 in. or more.	10	21	9	14	4	17	9	8	21	23	19	14	169	

40-9999

*See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) ....

[P.T.O.

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations.

Station No. 3091

120

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at GIGGLESWICK

in the County of YORKS W.R.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground 1 ft .... in.

,, Ground ,, Sea Level 575 ft.

400

mm.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5								0·52						5
6									0·56					6
7											·76			7
8														8
9	0·74													9
10														10
11														11
12														12
13												1·77		13
14														14
15														15
16														16
17		0·61												17
18														18
19														19
20														20
21														21
22														22
23				0·20			0·83							23
24										1·04				24
25														25
26														26
27														27
28														28
29			0·49		0·38	0·91								29
30		×												30
31		×		×		×			×		×			31
TOTAL	5·09	2·24	2·39	0·93 ~~2·35~~	1·07	2·93	4·08	2·46	3·80	3·74	5·25	5·57	Year's Total. 39·55 ~~40·97~~	
* Days with .01 in. or more.	21	14	18	14	9	14	25	14	14	17	18	22	200	
* Days with .04 in. or more.	19	10	14	8	6	10	21	14	13	13	17	16	161	
	129·4	57·0	60·6	23·5	27·3	74·5	103·7	62·6	96·5	95·1	133·4	141·5	1005·4	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(Signed) ....

[P.T.O.

COPY FOR OFFICIAL USE.

3091 120

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091. Settle

REGISTER OF RAINFALL IN 1937.

400

Kept at (Giggleswick School)

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 575 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1													1
2													2
3						·39							3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12												·45	12
13								·63					13
14													14
15	·80			·67			·33		·33				15
16			·33										16
17													17
18											·72		18
19													19
20					·60								20
21													21
22													22
23													23
24													24
25		0·97											25
26													26
27										·54			27
28													28
29													29
30		×											30
31		×		×		×			×		×		31
TOTAL	3·98	6·80	1·83	3·06	2·65	1·59	1·92	2·03	2·47	2·22	1·60	2·21	YEAR'S TOTAL 32·36
*Days with 0·2 mm. or more.	23	24	20	19	15	14	16	12	16	14	9	20	202
*Days with 1·0 mm. or more.	20	22	13	15	12	13	10	8	13	9	7	11	153
(144W)	101·0	172·8	46·5	77·8	67·2	40·5	48·7	51·5	62·7	56·5	40·6	56·2	822·0

40-9999

(Signed) ....

[P.T.O.

120

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. **Station No.** 3091

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1938.

Kept at Settle (Giggleswick School)
in the County of W. R. Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 545 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	
1														1
2				·43										2
3										2·13				3
4														4
5														5
6	·77													6
7														7
8								·77						8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16			·18											16
17														17
18											·77			18
19														19
20														20
21														21
22														22
23														23
24														24
25							·83							25
26		·34												26
27														27
28					·75	·98								28
29														29
30		✗							·43					30
31		✗		✗		✗			✗		✗	·90		31
													Year's Total	
TOTAL	174·5	39·1	25·5	13·3	81·3	106·4	127·4	117·2	55·2	352·6	154·6	117·8	1364·9	
* Days with 0.2 mm. or more.	26	14	14	4	18	19	22	20	17	26	25	25	230	
* Days with 1.0 mm. or more.	20	10	9	2	12	14	17	15	11	22	22	20	174	

(141w) * See Instruction 2 (f) on other side. † Spare column, no entries required, except year's total.

40-9999. 6·87 1·54 1·00 ·52 3·20 4·19 5·02 (Signed) 2·17 13·88 6·09 4·64 53·78 [P.T.O.

3·06 4·61

~~120~~
3091

FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1091.

REGISTER OF RAINFALL IN 1939.

Kept at Settle (Giggleswick School)

in the County of Yorks W R

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 575 ft.

400

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	
1												·59	1
2									·62				2
3													3
4			·54										4
5					·31								5
6							·85						6
7													7
8	·96												8
9													9
10													10
11													11
12													12
13													13
14						·85							14
15													15
16													16
17													17
18													18
19													19
20													20
21								1·02					21
22													22
23				·32									23
24													24
25											1·00		25
26													26
27		·77											27
28													28
29		✕								·36			29
30		✕											30
31		✕		✕		✕			✕		✕		31
TOTAL	1476	101·2	57·3	45·7	20·8	90·4	165·9	72·5	26·3	42·5	167·2	76·9	YEAR'S TOTAL 1014·3
Days with 0·2 mm. or more.	21	18	19	15	6	14	21	14	5	11	23	11	178
Days with 1·0 mm. or more.	16	17	12	11	6	11	21	10	4	10	22	9	149
(144W)	581	3·98	2·26	1·80	·82	3·56	6·53	2·86	1·04	1·67	6·58	3·63	39·94

40-9999

(Signed)

[P.T.O.

120

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3091 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1091.

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Settle (Giggleswick School)
in the County of Yorks W.R
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 575 ft.

Ine

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24	·47													24
25														25
26														26
27		·49												27
28														28
29														29
30		✕												30
31		✕		✕		✕			✕		✕			31
Total	30·3	42·9				CEASED							Year's Total	np
* Days with 0.2 mm. or more.	8	12				1								imp
* Days with 1.0 mm. or more.	7	10												wH

(114w) * See Instruction 3 (f) on other side.

1·19 1·69

† Spare column, no entries required, except year's total.

(*Signed*) .... [P.T.O.

3092

Section **A** for the entry
AIR MINIS

COPY FOR OFFICIAL USE.
LL ORGANIZATION.

FORM 1090.

REGI

Kept at Manchester a
Horton in

in the County of

Diameter of Funnel of Gauge
Height of top of Gauge above Gr
,, Ground ,, Se

THE MORNING MEA

Y.

An observer who does not conform
year in the space on the right o

following

Jan. 1, following

2/3/pr.
Exam ~~Details~~
30/2/12

3092
FISH HATCHERY
1931 ——— 37
280506

Date	Jan.	Feb.	Marc							.	Nov.	Dec.	Date
	in.	in.	in.								in.	in.	
1													1
2						.88							2
3				.87							2.09		3
4													4
5						.79						1.38	5
6			.74			.65							6
7		.49				.60							7
8													8
9													9
10										1.48			10
11				.89						~~1.48~~	3.47		11
12												.54	12
13													13
14						.68							14
15													15
16		4.68			.84								16
17													17
18				1.31									18
19													19
20													20
21		1.07	.88				.4.70						21
22						.57							22
23					.48								23
24													24
25				.90									25
26													26
27											4.43		27
28													28
29		2.87									.05		29
30		×		.34		2.19			(3.50)		.04		30
31	5.74	×		×		×		4.95	×	2.67	×	50	31
TOTAL	~~5.74~~	~~9.11~~	1.62	4.31	~~1.32~~	~~6.36~~	(4.70) ~~.47~~	4.95	(3.50) ~~0.00~~	(4.1[illegible]) ~~7.65~~	~~10.08~~	~~2.42~~	YEAR'S TOTAL 58.26 ~~[illegible]~~
*Days with ·01 in. or more.	14.85				7.68						12.50		
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) ....

P.T.O.

3092

Section **A** for the entry COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Manchester Anglers Fish Hatchery Horton in Ribblesdale

in the County of Yorks

Diameter of Funnel of Gauge FIVE in.

Height of top of Gauge above Ground ONE ft —— in.

,, Ground ,, Sea Level About 800 ft.

See min 3. of above file-

Toffe

~~Examined~~ 2/3/32

24/2/32

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1													1
2						.88							2
3				.87							.2.09		3
4													4
5						.79						1.38	5
6			.74			.65							6
7		.49				.60							7
8													8
9													9
10										1.48			10
11				.89						~~4.98~~	.3.47		11
12												.54	12
13													13
14						.68							14
15													15
16		.468			.84								16
17													17
18				.1.31									18
19													19
20													20
21		.1.07	.88				.470						21
22						.57							22
23					.48								23
24													24
25				.90									25
26													26
27											4.43		27
28													28
29		2.87									.05		29
30		×		.34		2.19			(3.50)		.04		30
31	5.74	×		×		×		.4.95	×	2.67	×	50	31
TOTAL	~~5.74~~ 14.85	~~9.11~~	1.62	4.31	~~1.32~~ 7.68	~~6.36~~	(4.70) ~~.47~~	4.95	(3.50) ~~[illegible]~~	(4.15) ~~7.65~~	~~10.08~~ 12.50	~~2.42~~	YEAR'S TOTAL 58.26 ~~[illegible]~~
*Days with ·01 in. or more.													
*Days with ·04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) ....

[P.T.O.

3092

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. Station No. 3092

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932

Kept at Manchester Anglers Fish Hatchery Horton in Ribblesdale

in the County of Yorks

Diameter of Funnel of Gauge FIVE in.

Height of top of Gauge above Ground ONE ft — in.

,, Ground ,, Sea Level about 800 ft.

Total ✓

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.42												1
2	.57				.47								2
3	.17												3
4	.19												4
5	1.23												5
6	1.22												6
7	.09												7
8													8
9	.16												9
10	.25	.42		2.42									10
11	.08	SNOW											11
12	.24	"											12
13	.05	"											13
14	.16	"											14
15													15
16													16
17	.34												17
18													18
19			1.96										19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27						1.56							27
28													28
29		.08											29
30		✕		2.11		.40							30
31	.10	✕	2.49	✕	4.89	✕			✕		✕		31 52.92
TOTAL	5.17	.50	4.45	4.53	5.36	1.96	6.12	1.96	6.97	7.55	4.98	3.37	YEAR'S TOTAL 52.92
*Days with ·01 in. or more.													
*Days with .04 in. or more.													

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Nat Hunt.

P.T.O.

3092

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No.** 3092

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

File no. 9287 32/29

906 sent 28/6/34 suggesting 1.99" for April. corrected by observer 3/7/34.

Kept at Manchester Anglers Fish Hatchery Horton in Ribblesdale

in the County of Yorks

Diameter of Funnel of Gauge FIVE in.

Height of top of Gauge above Ground ONE ft — in.

,, Ground ,, Sea Level ABOUT 800 ft ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	**Jan.**	**Feb.**	**Mar.**	**April**	**May**	**June**	**July**	**Aug.**	**Sept.**	**Oct.**	**Nov.**	**Dec.**		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														**1**
2														**2**
3														**3**
4														**4**
5														**5**
6														**6**
7														**7**
8														**8**
9														**9**
10														**10**
11														**11**
12														**12**
13														**13**
14														**14**
15														**15**
16														**16**
17														**17**
18														**18**
19														**19**
20														**20**
21														**21**
22														**22**
23														**23**
24														**24**
25														**25**
26														**26**
27														**27**
28														**28**
29														**29**
30		✕												**30**
31		✕		✕		✕			✕		✕			**31**
TOTAL	3.51	9.33	2.98	1.99 ~~3.99~~	2.79	2.35	4.02	3.09	2.18	5.34	3.19	2.32	Year's Total 43.09 ~~45.09~~	
*Days with ·01 in. or more.														
*Days with .04 in. or more.														

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Nat. Hunt.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3092.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934

File number 928732/29

Kept at Manchester anglers Fish Hatchery Horton in Ribblesdale

in the County of Yorks

Diameter of Funnel of Gauge FIVE in.

Height of top of Gauge above Ground ONE ft — in.

,, Ground ,, Sea Level 800 ft.

Total

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30		×												30
31		×		×		×			×		×			31
TOTAL	4.43	.27	3.72	3.55	3.85	3.19	4.09	5.67	4.93	6.80	1.42	7.42	Year's Total 49.34 ✓	
*Days with ·01 in. or more.														
*Days with .04 in. or more.														

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Nathaniel Hunt

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3092

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

File number 928732/29.

Kept at Manchester Anglers Fish Hatchery Horton in Ribblesdale

in the County of Yorks

Diameter of Funnel of Gauge FIVE in.

Height of top of Gauge above Ground ONE ft — in.

,, Ground ,, Sea Level about 800 ft.

Apportion Aug. Sept total

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16		7.13												16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29		3.29												29
30		✕						2.50	10.27					30
31		✕		✕		✕		(2.50)	(10.27) ✕		✕			31
TOTAL	3.68	10.42	1.99	4.23	1.32	4.07	4.47		12.77	10.28	6.47	2.87	Year's Total. 62.57	
* Days with .01 in. or more.								Aug. & Sept						
* Days with .04 in. or more.														

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Nathaniel Hunt. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations. Station No. 3092

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1936.

File numbers 9287 32/29

- Inc.

Feb. estd. from surr. stns.
- obsr. notified.
SSW

Kept at Manchester Anglers Fish Hatchery Hoston in Ribblesdale

in the County of YORKS

Diameter of Funnel of Gauge FIVE in.

Height of top of Gauge above Ground ONE ft. in.

,, Ground ,, Sea Level about 800 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30		✕												30
31		✕		✕		✕			✕		✕			31 Print
TOTAL	4.99		6.94	1.33	.57	4.67	9.20	4.64	3.32	6.02	7.28	6.42	Year's Total	(58.28)
* Days with .01 in. or more.	Lost count.	(2.90)												
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Nathaniel Hunt. [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3092

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 193~~7~~8 (8)

File number 9287. 32/29

Kept at Manchester Anglers Fish Hatchery

in the County of Horton in Ribblesdale Yorks

Diameter of Funnel of Gauge FIVE in.

Height of top of Gauge above Ground ONE ft. — in.

,, Ground ,, Sea Level about 800 ft.

B.A.

Circ D sent 24.3.38

reply received accepting correction

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15		3.47												15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30		✕												30
31		✕		✕		✕			✕		✕			31 50.60
TOTAL	609.	5.09	4.40	3.84	6.54	4.94	6.66	2.30	3.81.	2.73	1.32	2.68	Year's Total ~~39.51~~	✓ 50.60 ✓
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Nathaniel Hunt

[P.T.O.

Section **A** for the entry of D

AIR MINISTRY.

FORM 1090.

REGIST

Kept at Strinesd

in the County of Yor

Diameter of Funnel of Gauge

Height of top of Gauge above Ground

,, Ground ,, Sea Lev

THE MORNING MEASURI

An observer who does not conform to thi
year in the space on the right of this

PI

3092/5

STRINESDALE
1937 — 40

~~3100~~

tion No. 3092/5.

ORGANIZATION.

ving

Jan. 1, following ✓

740506

Date	Jan.	Feb.	Mar.	Ap								Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	07	18	09	.	.	01	01	.	47	.	.	06		1
2	29	35	20	09	.	.	.	.	02	02	.	19		2
3	.	08	05	08	12	58	04	.	.	.	.	05		3
4	28	06	03	07	13	.	06	02	.	.	.	71		4
5	1·07	.	09	.	.	.	01	.	.	.	.	02		5
6	07	.	01	17	11	.	02	20	01	03	01	05		6
7	06	30	.	57	08	06	.	.	10	.	.	10		7
8	.	62	.	06	.	08	06	.	.		02	03		8
9	01	28	02	02	12	01	58	22	.	.	.	.		9
10	08	09	.	.	03	01	02	01	.	01	.	24		10
11	.	01	33	.	17	.	01	.	.	.	.	08		11
12	05	38	04	01	04	10	07	01	20	.	.	19		12
13	.	15	01	01	01	37	.	07	.	01	.	19		13
14	.	12	11	.	.	.	.	19	11	01	.	18		14
15	30	42	.	37	.	.	61	.	07	.	.	03		15
16	12	50	08	42	30	.	.	13	15	.	.	01		16
17	04	03	33	30	.	03	.	02	14	.	.	.		17
18	61	31	23	09	.	.	01	20	22	.	15	.		18
19	12	34	01	27	.	05	08	04	.	.	72	.		19
20	05	23	.	15	51	02	.	.	.	.	.	06		20
21	02	06	01	12	01	.	34	.	.	.	.	18		21
22	02	01	24	06	02	.	21	.	.	40	05	14		22
23	02	.	.	.	18	.	19	.	.	56	17	.		23
24	05	16	16	.	01	.	10	.	23	11	.	05		24
25	05	40	.	.	.	.	.	03	01	09	.	03		25
26	.	38	09	.	60	.	.	.	04	.	.	08		26
27	.	52	.	13	.	.	.	.	.	36	.	03		27
28	.	28	.	.	.	01	.	.	.	17	.	.		28
29	01		.	.	.	04	.	.	.	02	09	02		29
30	08	✕	.	.	.	27	.	27	.	15	98	05		30
31	24	✕	.	✕	.	✕	.	03	✕	12	✕	.		31
TOTAL	3·71	6·26	2·13	2·99	2·44	1·64	2·42	1·44	1·77	2·06	2·19	2·77	Year's Total 31·82	✓
*Days with ·01 in. or more.	23	25	19	18	16	14	17	14	13	14	8	24	205	✓
*Days with .04 in. or more.	18	22	13	15	11	8	11	8	10	8	[illegible]	17	147	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Chas. J. Oakley.

[P.T.O.

Section **A** for the entry of Daily Observations. Station No. ~~3100~~

3092/5.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Strinesdale

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 791 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	07	18	09	.	.	01	01	.	47	.	.	06		1
2	29	35	20	09	.	.	.	.	02	02	.	19		2
3	.	08	05	08	12	58	04	.	.	.	.	05		3
4	28	06	03	07	13	.	06	02	.	.	.	71		4
5	1·07	.	09	.	.	.	01	.	.	.	.	02		5
6	07	.	01	17	11	.	02	20	01	03	01	05		6
7	06	30	.	57	08	06	.	.	10	.	.	10		7
8	.	62	.	06	.	08	06	.	.	:	02	03		8
9	01	28	02	02	12	01	58	22	.	.	.	.		9
10	08	09	.	.	03	01	02	01	.	01	.	24		10
11	.	01	33	.	17	.	01	.	.	.	.	08		11
12	05	38	04	01	04	10	07	01	20	.	.	19		12
13	.	15	01	01	01	37	.	07	.	01	.	19		13
14	.	12	11	.	.	.	.	19	11	01	.	18		14
15	30	42	.	37	.	.	61	.	07	.	.	03		15
16	12	50	08	42	30	.	.	13	15	.	.	01		16
17	04	03	33	30	.	03	.	02	14	.	.	.		17
18	61	31	23	09	.	.	01	20	22	.	15	.		18
19	12	34	01	27	.	05	08	04	.	.	72	.		19
20	05	23	.	15	51	02	.	.	.	.	.	06		20
21	02	06	01	12	01	.	34	.	.	.	.	18		21
22	02	01	24	06	02	.	21	.	.	40	05	14		22
23	02	.	.	.	18	.	19	.	.	56	17	.		23
24	05	16	16	.	01	.	10	.	23	11	.	05		24
25	05	40	.	.	.	.	.	03	01	09	.	03		25
26	.	38	09	.	60	.	.	.	04	.	.	08		26
27	.	52	.	13	.	.	.	.	.	36	.	03		27
28	.	28	.	.	.	01	.	.	.	17	.	.		28
29	01		.	.	.	04	.	.	.	02	09	02		29
30	08	✕	.	.	.	27	.	27	:	15	98	05		30
31	24	✕	.	✕	.	✕	.	03	✕	12	✕	.		31
TOTAL	3·71	6·26	2·13	2·99	2·44	1·64	2·42	1·44	1·77	2·06	2·19	2·77	Year's Total 31·82	✓
*Days with ·01 in. or more.	23	25	19	18	16	14	17	14	13	14	8	24	205	✓
*Days with ·04 in. or more.	18	22	13	15	11	8	11	8	10	8	17	17	147	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Chas. J. Oakley.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3092/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1938.

Kept at Strinesdale

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 791 ft.

OLDHAM CORPORATION ENGINEER'S OFFICE
4 JAN 1939
PIETHORNE, NR. ROCHDALE WATERWORKS

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	02	·	10	03	66	01	13	·	03	29	31		1
2	10	06	·	37	10	50	02	·	·	98	07	30		2
3	03	·	·	·	·	03	09	·	24	1.14	18	03		3
4	07	·	·	02	·	03	35	1.10	·	34	43	1.00		4
5	01	03	·	08	·	10	07	39	02	88	01	06		5
6	18	03	·	·	·	03	25	·	09	30	·	04		6
7	27	·	·	·	·	·	38	03	26	14	·	·		7
8	39	01	·	·	·	·	31	01	·	92	·	26		8
9	15	53	13	·	·	39	18	01	·	13	·	23		9
10	01	06	03	·	·	22	62	·	·	21	·	04		10
11	24	07	·	·	01	04	29	·	08	12	12	03		11
12	16	·	·	·	19	·	·	07	·	1.43	14	·		12
13	01	·	·	·	02	·	02	·	08	33	32	28		13
14	23	02	·	·	09	·	22	·	11	01	02	03		14
15	38	·	·	·	01	·	13	35	·	06	·	19		15
16	98	·	08	·	46	·	13	24	·	04	04	16		16
17	·	01	·	·	38	·	12	17	05	39	04	02		17
18	07	·	·	·	16	07	·	41	·	51	25	·		18
19	·	·	·	·	·	·	·	24	01	·	·	08		19
20	25	·	·	·	·	·	·	02	11	·	54	04		20
21	06	·	06	·	·	·	·	07	01	·	07	·02		21
22	·	01	·	03	·	30	·	·	·	·	23	03		22
23	·	·	·	·	23	63	·	02	·03	·	45	02		23
24	09	02	28	·	03	19	39	44	08	·01	23	01		24
25	27	51	06	·	·	05	15	02	·	45	81	02		25
26	09	37	25	·	02	06	09	·	03	24	24	15		26
27	36	22	03	·	84	64	14	20	03	01	48	·		27
28	37	13	12	·	23	71	13	38	04	04	04	20		28
29	14		22	·	1.39	18	16	·	·	19	07	36		29
30	26	×	·	·	15	07	01	·	36	·	13	11		30
31	32	×	04	×	36	×	·	·	×	63	×	91		31
TOTAL	5.49	2.10	1.30	·60	4.70	4.90	4.26	4.30	1.63	9.56	5.20	4.93	Year's Total 48.94	✓
*Days with ·01 in. or more.	26	16	11	5	18	19	23	19	14	25	23	24	229	✓
*Days with .04 in. or more.	22	8	9	3	12	16	19	13	11	21	21	18	143	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) Charles Busfield

[P.T.O.

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1939.

3092/5

Kept at Strinesdale

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 791 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	24		13	03			07	02	08	01		64	1
2	09			14			48	37	75	05	03	09	2
3	03			05				25			02	82	3
4	27		41	15			1·10			01	02	89	4
5				01	50		22	02		18	24	06	5
6	58	25	02				49				21		6
7	36	38	14		03		10				25	38	7
8	49	15	18	02			85	07		10	34	50	8
9	19	64					05	32		35	03	76	9
10	16	02	02			27		67	53	11	02	11	10
11	52	02	23			17			02			01	11
12	41	13				14			01				12
13			02	48	14	11	04		05	15	05		13
14	54		01	08	64	39	16			08	18		14
15	08	06	02	71	23	90	14		02		12		15
16	13		11		61		01				09		16
17	79	30	03	04	16	07				19	09		17
18	15	24	06			30	32			01	85		18
19	32						33				02		19
20	03		01		01	34	50	12	03				20
21	10	05	50	17	17	02		11	06				21
22	13	22	16	02	02		06			01	66		22
23	02	61	05	26			35			50	27	04	23
24	03	06	05	08		03	04	01		05			24
25	38	21	01			03	01				1·75	03	25
26	03	06	01		01			46		28	36	02	26
27	12	1·48	42			30	10	03		23	35	08	27
28		17	27	04		34	70				86		28
29		×	01			02	1·33			23	41		29
30		×				15	·27				32		30
31		×		×		×	31	01	×	02	×		31
TOTAL	6·19	5·05	2·87	2·28	2·52	3·58	8·03	2·46	1·55	2·56	7·54	4·43	YEAR'S TOTAL 49·06
*Days with ·01 in. or more.	25	18	23	15	11	16	24	13	9	18	24	14	210
*Days with ·04 in. or more.	20	16	13	11	7	12	22	8	5	13	18	11	156

40-9999

(Signed) Charles Busfield

P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3092/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Strinesdale

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 491 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	02	·	·12	·	·01	·	·	·05	·	·36	·23		1
2	·	01	·	·13	·	·	·11	·	·	·	·35	·22		2
3	03	·	·01	15	·	·	·18	·	·	·15	·03	·26		3
4	·	16	·	·10	·	·	·06	·	·	·14	·22	·24		4
5	·	·	·	·	·18	·	·14	·	·	·45	·04	·46		5
6	04	19	·	·	·	·	·04	·	·	·44	·05	·18		6
7	14	32	·	·29	·11	·	·09	·33	·13	·01	·	·		7
8	03	·	·01	·09	·	·	·03	·02	·	·18	·	·33		8
9	·	·	·24	·01	·	·	·65	·37	·35	·34	1·23	·30		9
10	·	·	·02	·	·	·	·44	·22	·02	·12	·56	·68		10
11	·	04	·10	·06	·	·03	·53	·	·	·	1·45	·02		11
12	·	01	·43	·	·	·	·12	·02	·55	·	·46	·		12
13	·	04	13	·01	·	·	·	·06	·44	·	·02	·01		13
14	·	04	·01	·22	·20	·	·01	·14	·19	·	·04	·54		14
15	·	-	·05	·11	·11	·01	·	·	·04	·01	·06	·06		15
16	·04	02	·16	·10	·	·	·64	·	1·65	·34	·20	·09		16
17	·	01	·82	·	·14	·	1·05	·	·32	·	·43	·		17
18	11	14	·24	·91	·	·	·10	·42	·21	·	·02	·34		18
19	·	18	·16	·03	·	·	·43	·	·34	·03	·25	·02		19
20	·	01	·02	·19	·	·01	·49	·65	·08	14	·25	·		20
21	01	·	·20	·02	·	·38	·10	·01	·01	·09	·60	·		21
22	·	05	·04	·	·10	·11	·	·04	·46	·01	·	·		22
23	·	41	·03	·10	·02	·	·09	·	·15	·02	·19	·		23
24	50	02	·	·04	·	·	·	·	·	·01	·	·05		24
25	08	·	·	·	·	·10	·01	·	·	·03	·	·		25
26	48	10	·03	·03	·03	·10	·05	·	·	·	·04	·		26
27	× 11	43	·	·14	·04	·	·29	·	·01	·	·09	·		27
28	× 04	36	·	·	·29	·	·	·15	·	·	·	·04		28
29	·	·	·23	·01	·55	·39	·04	·	·	·01	·	·44		29
30	·	✕	·	·04	·	·	·	·	·	·38	·01	·40		30
31	24	✕	·24	✕	·03	✕	·	·06	✕	·95	✕	·05		31
TOTAL	1·91	2·56	3·56	2·93	1·83	1·14	5·45	2·52	5·03	4·21	4·25	5·32	Year's Total 44·01	
* Days with .01 in. or more.	13	20	20	22	12	9	23	13	14	20	23	21	213	
* Days with .04 in. or more.	10	13	13	16	9	5	20	10	14	12	19	18	159	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Charles Dransfield

[P.T.O.

3093

3093

GREENFIELD
UPPERWOOD
1931 —— 40

780506

FORM 1090. **B** Mont
Sum

⁎ The following register of monthly
&c., is NOT required if daily or
values are given on the other side

also the space for

er should be sent:—

on-u-Lyne.

RAINFALL IN 1931

At Upperwood. Green

In the County of York.

Summer 9 am

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.* —
Height of Ground above Sea Level 15

yds Direction from gauge W. by S.
yds Direction from gauge West.

or.

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Days ·01 in or more	
	Inches.	Inches.	Date.	*	
JAN.	6·74	Gauge read weekly	and at end of month		
FEB.	6·72				
MAR.	0·26				
APRIL	5·22				
MAY	3·17				
JUNE	6·73				
JULY	5·59				
AUG.	7·64				
SEPT.	6·17				
OCT.	3·19				
NOV.	7·61				
DEC.	2·29				
Total	61·33				

Signature M T B Whitson
JWH

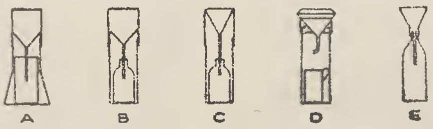
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Mont Summary. **C** Particulars of Station.

3093

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Upperwood Greenfield.

In the County of York.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* — *in.*
Height of Ground above Sea Level 1518 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·74	Gauge read weekly	and at end of month		
FEB.	6·72				
MAR.	0·26				
APRIL	5·22				
MAY	3·17				
JUNE	6·73				
JULY	5·59				
AUG.	7·64				
SEPT.	6·17				
OCT.	3·19				
NOV.	7·61				
DEC.	2·29				
Total	61·33				

Signature M T B Whitson
JwH

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers, Ashton-u-Lyne.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Uppermill Distance 1 mile 1340 yds Direction from gauge W. by S.

Nearest Parish Church at St. Chads, Saddleworth Distance 1 mile 770 yds Direction from gauge West.

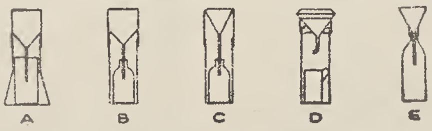
Nature of objects nearest to gauge				
Heights of objects		Open moor.		
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

3093

B Monthly Summary.

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Upperwood Greenfield

In the County of York

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* — *in.*

Height of Ground above Sea Level 1518 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·30				
FEB.	·45	Gauge read weekly	and at end of month		
MAR.	3·00				
APRIL	4·38				
MAY	5·12				
JUNE	·66				
JULY	6·21				
AUG.	2·38				
SEPT.	6·16				
OCT.	8·15				
NOV.	3·99				
DEC.	2·33				
Total	48·13				

Signature M. T. Bewhitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Waterworks Offices

Town Hall Chambers Ashton under Lyne

Hour of observation by the clock—in Winter 9 am Greenwich in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 1 mile 1340 yds Direction from gauge W by S,

Nearest Parish Church at St. Chads Saddleworth Distance 1 mile 770 yds. Direction from gauge West

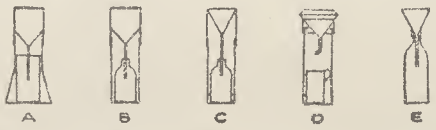
Nature of objects nearest to gauge				
Heights of objects		Open	moor	
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3093

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Upperwood Greenfield

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1518 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·97	Gauge read weekly	and at end of month		
FEB.	5·17				
MAR.	3·38				
APRIL	2·17				
MAY	1·78				
JUNE	3·30				
JULY	4·80				
AUG.	2·08				
SEPT.	2·47				
OCT.	5·53				
NOV.	2·99				
DEC.	·64				
Total	37·28				

Signature Wm B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers, Ashton-under-Lyne

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 1 mile 1340 yds Direction from gauge W by S.

Nearest Parish Church at St Chads Saddleworth Distance 1 mile 770 yds Direction from gauge West

Nature of objects nearest to gauge				
Heights of objects		Open moor.		
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3093/3
GREENFIELD
CHEW, BLINDSTONES
1938 - 40

780506

GREENFIEL

Section **A** for the ent
AIR MIN

FORM 1090

REC

Station No. 3093/3
ALL ORGANIZATION

38 fr nearby station SB 24/4

FORM.

7054 68/26

Kept at BLINDSTON

in the County of Yo

Diameter of Funnel of Gauge

Height of top of Gauge abov

,, Ground ,,

THE MORNING MEA … US DAY

An observer who does not conf … he following
year in the space on the right

Jan. 1, following

Date	Jan.	Feb.	Mar								ov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1										—				1
2										(2·60)				2
3														3
4										—				4
5										GAUGE FIXED		1·65		5
6														6
7											1·78			7
8														8
9														9
10										3·20				10
11														11
12												·75		12
13														13
14											·45			14
15														15
16														16
17										3·20				17
18														18
19														19
20														20
21											1·02			21
22														22
23														23
24										1·05				24
25														25
26														26
27														27
28														28
29														29
30		✕									2·85			30
31		✕		✕		✕			✕	1·70	✕	3·25		31
TOTAL										~~9·15~~	6·10	5·65	Year's Total	wp incomplete
* Days with .01 in. or more.										(11·75)				
* Days with .04 in. or more.														28/4/39

N

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) M. T. B. WHITSON ESQ, C.E. [P.T.O.

GREENFIEl

Section **A** for the entry of Daily Observations

Station No. 3093/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

6ct 1-4th est fr nearby station SB 24/4

Kept at BLINDSTONES CHEW

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ......ft. ......in.

" Ground " Sea Level 1745 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

7054 68/26

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1										—				1
2														2
3										— (2·60) —				3
4										—				4
5										GAUGE FIXED		1·65		5
6														6
7											1·78			7
8														8
9														9
10										3·20				10
11														11
12												·75		12
13														13
14											·45			14
15														15
16														16
17										3·20				17
18														18
19														19
20														20
21											1·02			21
22														22
23														23
24										1·05				24
25														25
26														26
27														27
28														28
29														29
30		✕									2·85			30
31		✕		✕		✕			✕	1·70	✕	3·25		31
TOTAL										~~9·15~~	6·10	5·65	Year's Total	wp incomplete go 25/4/39
* Days with .01 in. or more.										(11·75)				
* Days with .04 in. or more.														

N

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) M. T. B. WHITSON ESQ, C.E. [P.T.O.

GREENFIELD (CHEW. BLINDSTONES)

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3093/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

2/40 letter sent

Kept at Greenfield, Chew Blindstones
in the County of W. R. Yorks
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ....ft....in.
,, Ground ,, Sea Level 1745 ft.

1938
TRAVELLING FORM
F 70468/36

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1														1
2														2
3														3
4														4
5														5
6			.38								.69			6
7								1.25						7
8					.40									8
9	2.50									.95				9
10				.70			4.40							10
11									1.60			4.50		11
12														12
13		2.20	.67								.50			13
14						1.65		1.40						14
15					1.10									15
16										.50				16
17	2.51			1.60			.35							17
18									.23					18
19						1.60								19
20		.95	.30								2.00			20
21								.45						21
22														22
23	.80									1.30				23
24				1.10			1.45		.62					24
25												.16		25
26						.55								26
27														27
28		3.10												28
29		X												29
30				.12		.70			—		6.70			30
31	.30		2.58		1.70		3.72	.07		.71		.10		31
TOTAL	6.11	6.25	3.93	3.52 ②	3.20	4.50	9.92	3.17	2.45	3.46	9.89	4.76	Year's Total 61.16	
* Days with .01 in. or more.	—	—	—	—	—	—	—	—	—	—	—	—	—	
* Days with .04 in. or more.	—	—	—	—	—	—	—	—	—	—	—	—	—	

M. T. B. WHITSUN, Esq. C.E.

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3093/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Greenfield, Chew Blindstones

in the County of W. R. Yorks.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARD[illegible]

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6					·20									6
7										1·87				7
8	·45						·80							8
9									·52					9
10											3·14			10
11			·63											11
12														12
13					·16									13
14										·87				14
15							2·00					5·00		15
16				2·25										16
17														17
18			3·08								4·07			18
19														19
20														20
21										·95				21
22	·10			·70			3·89		6·42			Frozen		22
23														23
24						·70		4·00						24
25			·76								1·70			25
26		3·55												26
27														27
28														28
29		·90												29
30		✕		·55		·40			·20		·12			30
31	2·00	✕	·60	✕	·64	✕	·35	·46	✕	1·58	✕	3·20		31
TOTAL	2·55	4·45	5·07	3·50	1·00	1·10	7·04	4·46	7·14	5·27	9·03	8·20	Year's Total 58·81	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ....

[P.T.O.

GREENFIELD (

Section **A** for the entry

AIR MINIS

FORM 1090

REG

Station No. 3093/4

LL ORGANIZATION

8.

Kept at GREAT GRUFF

in the County of ....

Diameter of Funnel of Gauge...

Height of top of Gauge above

,, Ground ,,

ORM

8705468/26

THE MORNING MEASU **DAY**

An observer who does not confor *following*

year in the space on the right of

Jan. 1, following

3093/4

GREENFIELD

CHEYN, GT. GRUFF

1938 — 40

780506

Date	Jan.	Feb.	Mar.								.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5												1·58		5
6														6
7														7
8														8
9														9
10														10
11														11
12												·70		12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30		✕										3·20		30
31		✕		✕		✕			✕		✕	↓		31
TOTAL											(up)	5·48	Year's Total	up incomplete GB 24/4/39
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

N

(Signed) M.T.B. WHITSON ESQ. C.E. [P.T.O.

GREENFIELD (

Station No. 3093/4

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at GREAT GRUFF CHEW

in the County of YORK

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level 1650 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTH...

$8 10^{5468/26}$

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5												1·58		5
6														6
7														7
8														8
9														9
10														10
11														11
12												·70		12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30		×										3·20		30
31		×		×		×			×		×	↓		31
TOTAL											(up)	5·48	Year's Total	up incomplete GB 24/4/39
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

N

(Signed) M.T.B. WHITSON ESQ. C.E. [P.T.O.

COPY FOR OFFICIAL USE

Section ● **A** for the entry of Daily Observations

Station No. 3093/4

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Greenfield, Chew Great Gruff

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level 1650 ft.

~~1938~~

TRAVELLING FORM.

VALUES FORWARDED MO...

f 7 08 4 68/216

2/40 Letter sent

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6			·35								·66			6
7								1·15						7
8					·28									8
9	2·00									·85				9
10				·72			4·33							10
11									1·40			4·65		11
12														12
13		2·00	·53								·45			13
14						1·48		1·~~40~~ 20						14
15					1·17									15
16										·50				16
17	2·61			1·35			·30							17
18									·20					18
19						1·60								19
20		·70	·25								1·80			20
21								·42 ~~·45~~						21
22														22
23	·72									1·30				23
24				·95			1·55		·60					24
25												·13		25
26						·70								26
27														27
28		2·87												28
29														29
30		×		·10		·60			—		6·11			30
31	·40	×	2·25	×	1·55	×	3·30	·05 ~~·07~~	×	·76	×	·08		31
TOTAL	5·73	5·57	3·38	3·12	(0) 3·00	4·38	9·48	2·82	2·20	3·41	9·02	4·86	Year's Total 56·97	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) .... [P.T.O.

GREENFIELD (CHEW, GREAT GRUFF)

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3093/4

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

Kept at Greenfield, Great Gruff

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level 1650 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

wp 1939
70.5468/26

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6					·15									6
7										1·68				7
8	·39						·65							8
9									·35					9
10											3·25			10
11			·36											11
12														12
13					·15									13
14										·60				14
15							1·91					4·30		15
16				1·80										16
17														17
18			3·05								3·72			18
19														19
20														20
21										1·15				21
22	·09			·95			3·32		5·30			Frozen		22
23														23
24						·60		3·20						24
25			·67								1·81			25
26		3·70												26
27														27
28														28
29		1·00												29
30		✕		·45		·35			·16		·10			30
31	2·00	✕	·60	✕	·70	✕	·32	·40	✕	1·50	✕	2·80		31
TOTAL	2·48	4·70	4·68	3·20	1·00	·95	6·20	3·60	5·81	4·93	8·88	7·10	Year's Total 53·53	
* Days with .01 in. or more.						2								
* Days with .04 in. or more.														

Put WH

0

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) M. T. B. Whitson Esq. C.E.

P.T.O.

3094

Section **A** for the entry
AIR MINIST
FORM 1090. **REGIS**
Kept at Chew Mount
in the County of Yor
Diameter of Funnel of Gauge
Height of top of Gauge above Gro
,, Ground ,, Sea
THE MORNING MEAS
An observer who does not conform
year in the space on the right of

3094
GREENFIELD
CHEW MOUNT
1931 —— 40

780506

COPY FOR OFFICIAL USE.
L ORGANIZATION.

following

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	–	·02	·06	–	·50	–	·02	·05	·11	–	–	1
2	·04	·15	–	·93	·04	1·19	–	–	·57	·03	·03	·05	2
3	–	–	–	·09	–	·04	·08	·03	1·33	·01	1·13	·39	3
4	–	·09	–	·75	–	–	·18	·10	4·23	·12	·01	·34	4
5	–	·03	–	–	·16	·71	–	·52	·20	–	–	·31	5
6	–	·20	·02	–	–	·45	·05	·07	·21	·82	·24	–	6
7	·02	·01	·01	–	–	·35	–	·68	–	·37	·05	·13	7
8	·07	·23	·02	·18	·09	·01	·38	·84	·03	·10	·33	·01	8
9	·02	·83	·19	·35	–	·24	–	·55	·07	·06	·20	·08	9
10	·14	·14	·02	–	·31	·22	–	·38	·12	–	·32	·01	10
11	·83	·32	–	·03	·01	·04	–	·04	·43	–	·45	–	11
12	·05	·45	–	–	–	–	·78	·02	·06	·30	·21	–	12
13	–	–	·08	·01	·03	–	·15	·07	–	–	–	–	13
14	·24	·12	–	·02	·12	1·05	·05	·70	·05	–	·52	·05	14
15	·63	·29	–	·19	·17	·01	·35	·34	–	–	·03	·22	15
16	·85	·20	–	·47	·34	·69	·25	1·32	·39	–	–	–	16
17	·03	–	–	·51	·08	·04	1·05	1·43	·08	–	·01	–	17
18	·53	–	–	·74	–	·95	·62	·22	·01	·02	·72	–	18
19	·34	·23	–	·52	–	–	·08	·53	·05	·04	–	·02	19
20	·03	·30	·03	·25	–	·08	–	·44	–	–	·08	·02	20
21	·66	·15	·05	–	·29	·27	–	·43	–	–	·15	–	21
22	·06	·16	–	·14	·12	·09	·07	–	·06	–	·06	–	22
23	·61	·01	·02	·16	·33	·41	·48	–	·02	–	·43	·19	23
24	·12	·47	–	·12	·72	–	·10	·02	·01	–	·01	·15	24
25	·11	1·36	–	·48	·11	–	·02	–	–	–	·08	·24	25
26	·04	·24	–	·21	–	–	–	–	–	–	·72	·04	26
27	·72	·10	–	·04	·07	–	·46	–	–	·44	·65	·19	27
28	·75	·15	–	·11	·23	·02	·20	–	–	–	–	·10	28
29	·50	×	–	–	·10	–	·39	–	–	·74	·03	–	29
30	·02	×	–	·14	–	–	·01	–	·15	–	–	–	30
31	·21	×	–	×	–	×	·02	–	×	·02	×	·07	31
TOTAL	7·69	6·23	0·46	6·50	3·32	7·36	5·77	8·75	8·12	3·18	6·46	2·61	YEAR'S TOTAL 66·45
*Days with ·01 in. or more.	26	23	10	23	18	20	21	21	20	14	23	19	238
*Days with ·04 in. or more.	21	20	4	20	17	17	18	17	17	11	19	15	196

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*See Instruction 2 (*f*) on other side.

(*Signed*) M. T. B. Whitson B.Sc. A.M.Inst.C.E.
J.W.H.

P.T.O.

3094

Section **A** for the entry COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Chew Mount Greenfield
in the County of York
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft — in.
,, Ground ,, Sea Level 1578 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	-	·02	·06	-	·50	-	·02	·05	·11	-	-	1
2	·04	·15	-	·93	·04	1·19	-	-	·57	·03	·03	·05	2
3	-	-	-	·09	-	·04	·08	·03	1·33	·01	1·13	·39	3
4	-	·09	-	·75	-	-	·18	·10	4·23	·12	·01	·34	4
5	-	·03	-	-	·16	·71	-	·52	·20	-	-	·31	5
6	-	·20	·02	-	-	·45	·05	·07	·21	·82	·24	-	6
7	·02	·01	·01	-	-	·35	-	·68	-	·37	·05	·13	7
8	·07	·23	·02	·18	·09	·01	·38	·84	·03	·10	·33	·01	8
9	·02	·83	·19	·35	-	·24	-	·55	·07	·06	·20	·08	9
10	·14	·14	·02	-	·31	·22	-	·38	·12	-	·32	·01	10
11	·83	·32	-	·03	·01	·04	-	·04	·43	-	·45	-	11
12	·05	·45	-	-	-	-	·78	·02	·06	·30	·21	-	12
13	-	-	·08	·01	·03	-	·15	·07	-	-	-	-	13
14	·24	·12	-	·02	·12	1·05	·05	·70	·05	-	·52	·05	14
15	·63	·29	-	·19	·17	·01	·35	·34	-	-	·03	·22	15
16	·85	·20	-	·47	·34	·69	·25	1·32	·39	-	-	-	16
17	·03	-	-	·51	·08	·04	1·05	1·43	·08	-	·01	-	17
18	·53	-	-	·74	-	·95	·62	·22	·01	·02	·72	-	18
19	·34	·23	-	·52	-	-	·08	·53	·05	·04	-	·02	19
20	·03	·30	·03	·25	-	·08	-	·44	-	-	·08	·02	20
21	·66	·15	·05	-	·29	·27	-	·43	-	-	·15	-	21
22	·06	·16	-	·14	·12	·09	·07	-	·06	-	·06	-	22
23	·61	·01	·02	·16	·33	·41	·48	-	·02	-	·43	·19	23
24	·12	·47	-	·12	·72	-	·10	·02	·01	-	·01	·15	24
25	·11	1·36	-	·48	·11	-	·02	-	-	-	·08	·24	25
26	·04	·24	-	·21	-	-	-	-	-	-	·72	·04	26
27	·72	·10	-	·04	·07	-	·46	-	-	·44	·65	·19	27
28	·75	·15	-	·11	·23	·02	·20	-	-	-	-	·10	28
29	·50	X	-	-	·10	-	·39	-	-	·74	·03	-	29
30	·02	X	-	·14	-	-	·01	-	·15	-	-	-	30
31	·21	X	-	X	-	X	·02	-	X	·02	X	·07	31
TOTAL	7·69	6·23	0·46	6·50	3·32	7·36	5·77	8·75	8·12	3·18	6·46	2·61	YEAR'S TOTAL 66·45
*Days with ·01 in. or more.	26	23	10	23	18	20	21	21	20	14	23	19	238
*Days with ·04 in. or more.	21	20	4	20	17	17	18	17	17	11	19	15	196

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) M. T. B. Whitson B.Sc. A.M.Inst.C.E.

J.W.H.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3094

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Chew Mount Greenfield

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

" Ground " Sea Level 1578 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·75	·02	–	·28	1·03	–	·26	·03	95 ~~·15~~	·65	·15	·05	1
2	1·32	–	–	–	·94	–	–	·03	1·82 ~~·49~~	·28	·19	·28	2
3	·06	·01	–	–	·02	–	·52	–	·09 ~~·03~~	·01	·03	·30	3
4	·02	·02	–	·29	–	–	·05	·01	– ~~·28~~	·02	·28	·03	4
5	1·10	·01	·22	·38	·03	–	–	·07	·18 –	–	–	·02	5
6	1·18	–	·17	·68	·09	–	·15	·04	·32 –	–	–	–	6
7	·05	–	·66	·16	·02	–	–	–	·50 ·02	·19	·02	–	7
8	–	·03	–	·19	–	–	–	–	·07 ·02	·64	·02	–	8
9	·19	·15	·04	·69	·06	–	–	–	·03 –	–	–	·07	9
10	·23	·03	·03	·08	–	–	–	–	·88 –	·70	–	·15	10
11	·06	·05	–	·11	·68	·01	1·64	–	·84 ·82	·03	·02	–	11
12	·40	–	–	·01	·42	·05	·26	–	·01 ·03	·57	·03	–	12
13	–	·20	·02	·05	·15	–	·58	·01	·47 ·08	·70	·08	·20	13
14	·03	–	–	·12	–	–	·25	·08	·02 ·31	·10	·31	·04	14
15	–	–	–	·02	·40	–	·05	–	– ·06	·25	·06	·07	15
16	·27	–	–	·27	·02	–	–	·03	– –	·19	–	·08	16
17	–	–	–	·01	–	–	·08	·05	·09 ·01	·64	·01	·01	17
18	–	–	–	–	·03	–	–	·01	·03 ·02	·01	·02	–	18
19	–	–	–	·22	·22	–	·04	·01	– ·02	·31	·02	–	19
20	–	–	–	·22	·51	–	·26	·40	– ·12	·24	·12	–	20
21	·02	–	·39	·15	·72	–	–	·82	– ·18	·63	·18	·04	21
22	–	–	·27	·15	·35	–	·24	–	·03 1·16	·08	1·16	·02	22
23	–	·02	–	·10	·29	–	·20	–	– ·14	·12	·14	·08	23
24	·04	·01	–	·03	–	·05	·33	–	·32 ·28	–	·28	·03	24
25	–	·18	–	·08	·11	·06	·15	–	·16 ·29	1·18	·29	–	25
26	–	·02	–	·29	·44	·01	·27	–	·12 ·37	·62	·37	–	26
27	–	–	·44	·16	·32	·07	·36	–	·09	·06	·09	·21	27
28	·01	–	·22	·04	·20	·01	·32	–	·01	–	·01	·13	28
29	·08	–	·36	·10	·04	·10	·45	·42	·16 ·19	·58	·19	·16	29
30	–	×	·21	·03	·01	·21	·20	·15	·08 ·28	·09	·28	·17	30
31	·02	×	·24	×	·02	×	·25	–	×	·02	×	·12	31
TOTAL	5·83	·75	3·27	4·91	7·12	·57	6·91	2·16	6·37 ~~4·35~~	8·91	4·35	2·26	YEAR'S TOTAL 53·41
*Days with ·01 in. or more.	18	13	13	27	25	9	22	15	21	26	25	21	235
*Days with .04 in. or more.	13	4	11	22	18	6	22	8	16	21	16	16	173

(18)

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*See Instruction 2 (*f*) on other side,

(*Signed*) M. T. B. Whitson

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3094

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Chew Mount. Greenfield.

in the County of YORK.

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·15	82	·01	-	-	-	-	·03	·10	·03	·58	-		1
2	·37	-	·13	·35	-	·02	-	·17	-	-	·04	-		2
3	·02	·67	·49	·01	·32	-	-	·01	-	-	·07	-		3
4	·18	·14	·36	-	·24	-	-	·03	-	-	·01	-		4
5	·15	·66	·05	-	·10	-	-	-	-	-	·03	-		5
6	·04	·18	·03	-	·08	-	-	-	-	-	·02	·14		6
7	·24	·48	·19	-	·13	-	-	·06	-	·94	-	·04		7
8	·36	·15	·15	·07	·16	-	·76	-	-	-	·01	·07		8
9	-	·32	-	·24	·19	·02	·66	·12	-	·81	·21	-		9
10	·14	·09	-	-	-	·08	·08	-	-	1·00	·14	·02		10
11	-	·02	-	·02	-	-	·75	-	-	·59	-	·02		11
12	·02	-	-	-	-	·21	·35	-	-	·07	-	·04		12
13	·01	-	·01	-	·28	·12	·48	-	·10	·33	·10	-		13
14	·04	-	·04	-	·15	-	·22	-	-	·02	·07	·01		14
15	·50	-	·02	-	-	-	·04	·17	-	·55	·55	·16		15
16	·30	·01	·14	-	·04	·45	·09	·02	-	·29	·08	·01		16
17	·05	-	·94	-	-	·87	-	·17	·05	-	·33	-		17
18	-	·03	·30	-	-	·94	-	-	-	-	·09	·02		18
19	·03	-	·46	·06	-	·09	·08	-	·09	-	·01	·03		19
20	-	·12	·04	-	-	·15	-	·15	-	-	·01	·01		20
21	-	-	-	·02	-	·09	-	·42	·01	-	·02	·02		21
22	-	-	-	-	-	·36	-	·17	-	·14	-	-		22
23	-	·10	-	·13	·03	·01	-	·03	·06	·04	-	-		23
24	-	·75	-	·18	·07	·46	-	-	1·93	·05	·06	-		24
25	-	·20	-	·27	-	·01	-	-	·21	-	·03	·05		25
26	-	·35	-	·58	-	-	-	-	-	·35	·09	-		26
27	-	·02	-	-	·02	-	-	-	·12	·04	-	-		27
28	-	-	-	·02	-	-	·11	-	·04	·21	-	-		28
29	-	×	-	·33	-	-	·02	-	·01	·11	-	·05		29
30	·02	×	·08	-	-	-	·37	-	-	·31	-	·25		30
31	·32	×	·04	×	-	×	·53	·14	×	·19	×	·02		31
TOTAL	2·94	5·11	3·48	2·28	1·81	3·88	4·54	1·69	2·72	6·07	2·55	·96	Year's Total 38·03	
*Days with ·01 in. or more.	18	18	18	13	13	15	14	14	11	19	21	17	191	
*Days with ·04 in. or more.	13	14	14	9	11	11	13	9	9	17	13	8	141	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) M. B. Whitson

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3094

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193 .

Kept at Chew Mount, Greenfield.

in the County of York.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft in.

,, Ground ,, Sea Level 1578 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	-	·03	·01	-	-	-	·13	-	·23	·03	·90		1
2	·02	·03	·10	-	-	-	-	1·20	·05	-	·37	·75		2
3	·09	·07	·03	-	-	-	-	-	·03	·21	·08	·09		3
4	·18	-	·43	·04	·05	-	-	-	·18	·65	-	·85		4
5	-	-	·06	-	·17	-	-	·21	-	·17	·22	·14		5
6	-	-	·12	·03	·43	·12	-	·23	-	·36	-	·50		6
7	·38	·02	·13	-	-	·08	-	-	-	·27	·22	·36		7
8	-	-	·05	-	·13	·30	-	·10	·02	·08	1·11	·03		8
9	-	·08	·20	·09	-	-	-	·20	·02	-	·89	·03		9
10	-	·02	·38	·25	-	-	-	·51	-	·63	·11	-		10
11	·14	·01	·10	·23	-	-	-	·66	-	·03	·08	·10		11
12	·01	-	·26	·13	-	-	·25	·06	-	·03	-	·03		12
13	·21	-	·01	·01	·12	-	·34	·05	-	·36	-	·01		13
14	·22	-	·09	-	·03	·01	-	-	·01	·30	·36	·02		14
15	·50	-	·39	-	·83	-	-	·34	·65	·03	·07	·32		15
16	·31	-	·04	-	·33	·01	-	-	-	-	·11	·04		16
17	·65	-	·30	-	·19	-	·33	·01	·05	·13	-	·16		17
18	·15	·01	·13	·08	·24	·25	-	·14	-	-	-	·11		18
19	-	·01	·23	·03	·13	·47	-	·01	·50	·18	-	·04		19
20	-	-	·06	·11	·25	·02	-	·02	·16	·29	·01	-		20
21	·01	-	·01	-	·13	·66	-	·04	·06	·06	·01	-		21
22	·04	-	·03	-	·04	-	-	·17	·81	·20	·02	-		22
23	·02	-	·13	·35	-	·01	·66	-	-	·22	·07	·01		23
24	-	·11	·04	·05	-	·08	-	-	·34	·07	·01	·02		24
25	·02	·05	·01	·09	·04	·01	·46	-	·22	·43	-	·17		25
26	·20	-	·06	·40	-	·08	·76	-	·50	·16	·19	·10		26
27	-	·06	-	1·23	-	·35	1·01	-	·09	·33	·03	·11		27
28	-	-	-	·30	-	-	·43	·24	-	·25	-	·56		28
29	-	×	·01	·01	-	-	·09	·40	·45	·13	-	·18		29
30	·13	×	-	-	-	-	·17	·03	·16	·24	-	·11		30
31	·03	×	-	×	-	×	·03	-	×	·08	×	·19		31
TOTAL	3·52	·47	3·43	3·44	3·11	2·45	4·53	4·75	4·30	6·12	3·99	5·93	Year's Total 46·04 ✓	
*Days with ·01 in. or more.	20	11	27	18	15	14	11	20	18	27	19	27	227	
*Days with .04 in. or more.	14	5	20	13	14	9	10	16	14	24	13	21	173	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) M. T. B. Whitson

[P.T.O.

COPY FOR OFFICIAL USE.

Section 1 **A** for the entry of Daily Observations. Station No. 3094

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Chew Mount

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 1578 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·69	·33	·04	·03	–	·01	·03	–	·01	·40	·09	·27		1
2	·02	·12	·02	· –	–	·29	–	–	·14	·32	·20	·21		2
3	·15	·67	·14	·10	–	·05	·92	–	·03	–	·14	·18		3
4	–	–	·03	·02	–	·11	·13	–	·50	·35	–	·02		4
5	·02	·40	·09	·11	–	·15	·04	–	·30	·07	·20	·14		5
6	·08	·03	–	·15	–	·33	–	–	–	–	–	·01		6
7	·04	–	–	·17	–	·20	–	–	–	·12	·29	·50		7
8	–	–	–	·10	–	·46	–	–	–	·12	·03	·33		8
9	·02	–	–	·25	·01	·11	–	–	–	1·94	·05	·02		9
10	–	·15	–	·54	–	·01	–	–	–	·76	·02	–		10
11	·43	·13	–	–	–	·10	·01	·02	–	·30	·15	·17		11
12	·05	·16	–	–	–	·52	–	–	·18	–	·02	–		12
13	·09	·05	–	·03	·29	·14	–	–	·10	·08	·01	–		13
14	·01	· –	–	·11	·10	·20	–	–	·16	·01	1·19	·28		14
15	–	1·98	–	·20	·05	·01	·06	–	·21	·13	·14	·23		15
16	–	·37	·23	·33	·05	·24	·16	·01	·58	·02	·49	·02		16
17	·02	·14	–	·42	·22	·33	·30	·02	·64	·03	·56	–		17
18	·06	·01	–	·29	·07	·07	·05	·01	·63	·60	·15	–		18
19	·01	·04	–	·28	–	·44	·26	–	· –	·19	·15	–		19
20	·05	·46	–	·23	–	·32	·13	–	–	–	·70	–		20
21	–	·37	·01	·02	–	–	–	·05	·71	·20	·23	·20		21
22	·02	·13	·10	–	–	–	–	–	·05	–	·04	–		22
23	·03	–	1·49	–	–	–	–	·51	·05	·34	–	·11		23
24	·69	·45	·04	–	–	–	–	–	1·38	·02	–	·11		24
25	·09	·10	·60	–	–	·14	–	–	–	–	·11	·04		25
26	–	·02	· –	–	–	–	·12	1·19	·61	·93	·20	·33		26
27	–	·05	–	–	–	·35	·63	–	·57	1·12	·59	·02		27
28	·03	·02	–	–	–	–	–	·54	·14	1·05	·11	·02		28
29	·04	×	·05	–	–	–	–	·01	·60	·42	·11	·04		29
30	·14	×	–	–	–	·19	–	·20	·33	·46	·53	·04		30
31	·13	×	·03	×	–	×	–	–	×	·59	×	·24		31
TOTAL	2·91	6·18	2·87	3·38	·79	4·77	2·84	2·56	7·92	10·57	6·50	3·52 3	Year's Total 54·82	
* Days with .01 in. or more.	23	22	13	18	7	23	13	10	21	25	26	23	224	
* Days with .04 in. or more.	14	18	9	14	6	20	11	5	20	21	22	17	177	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3094

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Chew Mount Greenfield

in the County of York.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level 1578 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02	·13	·08	·62	–	–	–	·54	·10	–	·32	·30		1
2	·01	·09	·13	·13	–	·86	·27	·34	·01	–	·03	·31		2
3	·03	–	–	–	–	·68	·07	·23	·74	–	–	·15		3
4	·20	·19	·16	–	–	·08	·01	·27	·97	–	·36	·30		4
5	·04	·04	·45	–	·03	–	–	·44	·87	–	–	·91		5
6	·02	–	·09	–	·02	·05	·17	·85	·82	·02	·08	–		6
7	·02	–	·06	–	·02	–	·41	–	1·34	·01	·09	·38		7
8	·18	–	·27	–	–	–	–	–	·02	·04	·53	·10		8
9	·22	–	·07	–	·02	–	·09	–	·63	·10	1·31	–		9
10	·12	–	·02	–	–	–	·62	–	–	–	·59	–		10
11	–	–	–	·02	–	·13	·72	·11	·02	–	·57	–		11
12	–	–	·01	·36	·04	·69	·59	·06	·40	·08	·32	·05		12
13	–	–	–	·06	–	·11	·18	–	–	·26	·03	·24		13
14	–	–	–	·08	–	·41	·06	·08	·61	·33	·43	·90		14
15	·28	·04	·03	·15	·01	·03	·07	·30	–	–	·67	·11		15
16	·05	–	·02	·02	–	–	·04	–	–	·03	1·01	·02		16
17	·02	·32	–	–	·01	–	·04	·08	–	·69	·17	·19		17
18	–	·09	–	–	–	·16	·45	·09	–	·81	·01	–		18
19	·09	·23	·04	·13	–	·10	·61	·95	–	·17	–	–		19
20	·02	·03	–	·01	–	–	·03	–	·04	·07	–	·01		20
21	·23	–	·02	·10	–	–	–	–	–	·07	–	·03		21
22	·07	·21	·08	–	·03	·94	·19	–	–	–	–	·12		22
23	·02	·04	·27	·26	·34	·01	·35	·04	–	·04	–	–		23
24	·14	·17	–	·09	·31	–	–	·06	·47	·65	–	·05		24
25	·14	–	·09	·16	–	–	·14	–	·70	·22	·02	·04		25
26	·02	·40	·35	–	–	–	·02	–	·25	·86	–	–		26
27	·63	–	–	–	–	–	–	–	·09	·32	–	–		27
28	·20	·50	·09	–	–	–	·20	–	–	–	·01	·23		28
29	·16	·42	·76	–	·57	·60	–	–	–	·20	·38	·18		29
30	·47	×	–	–	·73	–	·43	·02	–	1·19	·09	·08		30
31	·24	×	·07	×	–	×	·16	·11	×	–	×	·33		31
TOTAL	3·64	2·90	3·16	2·19	2·13	4·85	5·92	4·57	8·08	6·16	6·96	5·03	Year's Total. 55·59	
* Days with .01 in. or more.	26	15	21	14	12	14	24	17	17	20	20	22	222	
* Days with .04 in. or more.	17	14	16	11	6	12	21	16	14	17	15	19	178	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3094

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Chewmount, Saddleworth

in the County of Yorkshire.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level 1578 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·09	·35	·79	–	–	–	·04	–	·37	–	·05	·20		1
2	·60	·58	·35	·16	–	–	–	–	·03	–	–	·75		2
3	–	·12	·04	·11	·05	·96	·12	–	·01	–	–	·10		3
4	·37	·02	·35	·06	·11	·02	·12	–	–	–	–	·65		4
5	1·29	–	·51	–	–	–	·02	–	–	–	–	·02		5
6	·16	–	·09	·16	·11	·02	·49	·20	·02	–	·05	·15		6
7	·08	·28	·04	·83	·25	·17	–	–	·16	–	·02	·05		7
8	–	·75	·03	·09	–	·10	·04	–	–	–	·13	·20		8
9	·01	·27	·17	·02	·19	–	·92	·12	–	–	–	–		9
10	·13	·16	~~1·04~~	–	·01	·03	·02	–	–	·02	·03	·27		10
11	–	·02	1·04	–	·91	–	·02	–	–	–	–	·15		11
12	·10	·38	·07	–	·20	·08	·13	–	·26	–	–	·10		12
13	–	·15	·02	·01	·02	·61	–	·04	·02	·01	–	·20		13
14	–	·28	·70	·02	–	–	–	·24	·21	·01	–	·25		14
15	·18	·35	·07	·31	–	–	·87	–	·06	–	–	·10		15
16	·13	·41	·60	·56	·29	–	–	·22	·13	–	–	·02		16
17	·04	·07	·45	·60	–	·07	–	·02	·42	–	·01	–		17
18	·61	·39	·23	·24	–	·01	·04	·17	·37	–	·32	–		18
19	·11	·34	·03	·31	·04	·09	·10	·10	–	–	·60	–		19
20	·07	·28	·01	·21	·60	·21	–	–	·01	–	·01	·13		20
21	·03	·12	·02	·19	·01	–	·37	–	–	–	–	·15		21
22	·03	·01	·19	·05	·04	–	·34	–	–	·36	·10	·15		22
23	·07	–	·02	–	·13	–	·18	–	–	·80	·45	·02		23
24	·24	·20	·20	·01	·02	·01	·45	–	·37	·19	·02	·05		24
25	·02	·42	–	–	–	–	·05	·05	·10	·26	–	·02		25
26	–	·53	·10	–	·60	–	–	·02	–	–	–	·03		26
27	–	·47	·02	·22	–	–	–	–	·02	·84	·02	·10		27
28	–	2·90	·01	–	–	·03	–	–	–	·20	–	–		28
29	·02	×	–	–	–	·05	–	–	–	·08	·25	·05		29
30	·14	×	–	–	–	·52	–	·38	–	·25	·65	·10		30
31	·33	×	–	×	–	×	–	·02	×	·10	×	·01		31
TOTAL	4·85	9·85	6·15	4·16	3·58	2·98	4·32	1·58	2·56	3·12	2·71	4·02	Year's Total 49·88	✓
* Days with .01 in. or more.	23	25	26	19	17	16	18	12	16	12	15	26	~~[illegible]~~	225 ✓
* Days with .04 in. or more.	18	22	18	15	13	10	15	9	10	9	9	20	168	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) W. T. B. Whitson

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3094

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Chew Mount.

in the County of York.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. — in.

,, Ground ,, Sea Level 1578 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·03	–	·05	·01	·80	·35	·20	–	·17	·21	·36		1
2	·13	·10	–	·43	·23	·55	·05	·01	–	·70	·02	·20		2
3	·05	·01	·01	·01	–	·05	·23	–	·30	1·28	·43	·02		3
4	·12	–	–	·07	–	·05	·32	·35	–	·13	·65	·85		4
5	·03	·03	–	·06	–	·10	·05	·02	·05	·90	·01	·05		5
6	·10	·01	·01	·01	–	·05	·30	·15	·03	·36	–	·01		6
7	·25	–	·01	–	–	–	·20	·05	·70	·13	–	·02		7
8	·33	·02	–	–	–	–	·80	–	–	1·00	–	·33		8
9	·15	·55	·35	–	–	·56	·23	·03	–	·06	–	·20		9
10	·03	·02	·03	–	–	·20	1·00	·01	·02	·63	–	·05		10
11	·30	·10	–	–	–	·03	·27	·02	·07	·10	·07	·03		11
12	·18	–	–	–	·23	–	·02	·10	–	1·80	·25	·01		12
13	·03	·01	–	–	·03	·01	·05	–	·30	·40	·12	·30		13
14	·28	·01	–	–	·10	–	·36	–	·15	·02	·01	–		14
15	·43	–	·01	–	·03	–	·25	·42	–	·20	–	·13		15
16	·85	–	·12	–	·05	–	·20	·37	·01	·01	·05	·23		16
17	–	·02	–	–	·27	–	·15	·25	·08	·35	·03	–		17
18	·07	·01	–	–	·10	·40	–	·45	·08	·58	·40	·01		18
19	·01	·02	–	–	–	–	–	·16	·03	– –	·01	·10		19
20	·20	–	·01	–	–	–	·01	·01	·10	–	·50	·02		20
21	·01	–	·05	·01	–	·03	–	·03	·02	–	·05	–		21
22	·01	·02	–	·02	–	·32	–	–	–	–	·20	·05		22
23	·01	–	–	·01	·40	·70	–	·02	·05	·01	·45	·02		23
24	·25	·05	·37	–	·05	·38	·35	·45	·08	·01	·30	·05		24
25	·10	·45	·03	–	–	·06	·16	·03	–	·45	·90	·02		25
26	·12	·45	·27	–	·02	·10	–	–	·07	·35	·12	·07		26
27	·35	·33	·01	–	1·05	·71	·22	·40	·03	·04	·64	–		27
28	·45	·11	·23	–	·32	·75	·27	·30	·05	·02	–	·18		28
29	·08	X	·46	–	1·26	·25	·25	–	–	·30	·08	·40		29
30	·35	✕	·01	–	·10	·10	·02	–	·40	–	·05	·15		30
31	·22	✕	·05	✕	·29	✕	–	–	✕	·60	✕	·95		31
TOTAL	5·49	2·35	2·03	·67	4·54	6·20	6·11	3·83	2·62	10·60	5·55	4·81	Year's Total 54·80	
* Days with .01 in. or more.	29	20	17	9	17	21	24	22	20	26	23	27	255	
* Days with .04 in. or more.	22	8	8	4	13	18	21	13	14	21	18	18	178	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed)

P.T.O.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20	–	·12	·05	–	–	·13	·10	·05	·03	·01	·60		1
2	·07	–	–	·20	–	–	·75	·50	·45	·05	·02	·10		2
3	·07	–	·02	·10	–	–	–	·50	·01	·02	·05	·68		3
4	·04	·02	·21	·57	–	–	·60	·05	·03	·17	·03	·85		4
5	–	·01	–	·01	·25	–	·30	·05	–	·20	·40	·20		5
6	·70	·20	·01	–	·01	–	·45	–	–	·02	·15	–		6
7	·30	·25	·15	–	·05	–	·10	–	–	·02	·20	·67		7
8	·40	·19	·10	·05	–	–	1·45	·15	–	·05	·15	·50		8
9	·10	·75	–	–	–	–	·03	·65	–	·22	·05	1·00		9
10	·07	·05	·03	–	–	·30	–	·40	·70	·05	·01	·05		10
11	·40	·15	·25	–	–	·20	–	·03	·03	·05	·02	·03		11
12	·50	·10	–	–	–	·15	–	–	–	·01	·02	·01		12
13	·05	–	·04	·40	·21	·25	·03	–	·02	·15	·06	–		13
14	·40	·01	·04	·11	·65	·50	·06	–	–	·31	·15	–		14
15	·15	·05	·05	·75	·40	1·20	·17	–	·12	·03	·10	–		15
16	·05	–	·08	·02	1·57	–	·04	–	·05	–	·15	–		16
17	·95	·36	·02	·01	·15	·15	–	–	–	·75	·10	–		17
18	·25	·30	·08	–	–	1·20	·40	–	·05	·05	1·15	–		18
19	·30	–	–	–	·01	–	·45	–	·20	·03	·05	·06		19
20	·02	–	·01	–	·02	·40	·48	·30	·25	·01	–	·02		20
21	·08	·03	·55	·22	·27	·35	·01	·10	·16	–	–	·01		21
22	·20	·38	·15	·11	·02	–	·10	–	·05	·01	·75	·02		22
23	·03	·50	·04	·45	–	·25	·25	–	–	·60	·25	·02		23
24	·06	·10	·03	·16	–	–	–	·01	–	·03	·02	–		24
25	·05	·33	·03	–	–	–	·02	–	–	–	2·05	·05		25
26	·10	·10	·02	–	·03	–	–	–	–	·10	·50	·02		26
27	·15	·56	·75	·02	–	·35	·15	·03	–	·25	·35	·08		27
28	·03	·14	·41	·10	–	·30	·65	·02	–	·02	1·00	–		28
29	–	×	·04	·02	–	–	1·80	–	–	·50	·45	–		29
30	–	×	·01	×	–	·25	·35	–	–	–	·50	·02		30
31	–	×	–	×	–	×	·35	·01	×	·06	×	–		31
TOTAL	5·72	4·58	3·24	3·35	3·64	5·85	9·12	2·90	2·17	3·79	8·74	4·99	Year's Total 58·09	✓
* Days with .01 in. or more.	27	21	25	18	13	14	24	15	14	27	28	20	246	✓
* Days with .04 in. or more.	24	17	16	13	8	14	20	11	10	16	21	12	182	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ……………………………………………

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3094

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~70.

Kept at Chew Mount

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 1578 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·15	·02	·01	–	–	·02	–	·45	·26		1
2	–	–	–	·27	–	–	·14	–	–	–	·37	·31		2
3	·04	–	–	·20	–	–	·23	–	–	·12	·07	·23		3
4	–	·15	·02	·07	–	–	·07	–	·02	·25	·26	·35		4
5	–	–	–	–	·17	–	·06	–	·03	·50	·12	·40		5
6	·15	·50	–	·01	–	–	·15	–	–	·80	·10	·12		6
7	·20	–	·01	·30	·10	–	–	·20	·28	·05	–	·02		7
8	·02	–	·02	·05	–	–	·03	·07	–	·18	–	·40		8
9	–	–	·30	–	·02	–	·56	·45	·45	·30	1·43	·40		9
10	–	–	·08	–	·02	–	·40	·35	·03	·15	·49	·65		10
11	–	·17	·10	·15	–	·15	·55	–	·02	–	1·51	·01		11
12	–	·05	·75	–	–	·02	·21	·02	·91	–	·50	–		12
13	–	·03	·35	·02	·02	–	·02	·10	·50	–	–	–		13
14	–	·02	·16	·25	·13	–	·05	·30	·10	·02	·10	·50		14
15	–	–	·10	·25	·02	·05	–	–	·05	·07	·07	·10		15
16	·02	·40	·25	·10	–	–	·45	–	1·65	·70	·76	·10		16
17	–	·40	1·05	·01	·02	–	1·50	·02	·30	–	·88	–		17
18	·10	·10	·45	·60	–	–	·03	·50	·36	·05	·10	·40		18
19	–	·35	·25	·08	–	·07	·52	–	·30	·10	·31	·07		19
20	–	–	·03	·18	–	–	·65	·75	·06	·22	·11	–		20
21	·02	–	·20	–	–	·40	·10	·05	·40	·08	1·41	–		21
22	–	·20	·04	–	·10	·11	–	·10	–	·06	–	·05		22
23	–	·55	·05	·10	·05	·03	·05	–	·12	·05	·20	·07		23
24	·27	·05	–	·05	–	–	·02	·02	·02	·10	–	·05		24
25	·01	–	–	–	·01	·10	·01	–	·01	·15	–	–		25
26	·55	·15	·02	–	·03	·02	·05	·02	·02	·01	·05	·01		26
27	·69	·60	·01	·25	–	–	·15	·02	·02	·02	·07	·02		27
28	·26	·40	·01	·02	·10	–	–	·20	–	–	–	·05		28
29	–	·05	·30	·05	·15	·25	·08	–	·03	·03	–	1·30		29
30	–	✕	·02	·15	·01	·02	–	–	–	·30	·02	·45		30
31	·12	✕	·35	✕	·05	✕	–	·16	✕	·96	✕	·20		31
TOTAL	2·45	4·17	4·92	3·31	1·02	1·23	6·08	3·33	5·70	5·27	9·38	6·52	Year's Total 53·38	
* Days with .01 in. or more.	13	17	24	22	17	12	24	17	23	24	22	25	240	
* Days with .04 in. or more.	9	15	16	18	8	7	19	12	13	20	21	21	179	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) M. T. B. Whitton

[P.T.O.

3095

—

3095

GREENFIELD

CHEW RES.

1931 — 40

780506

FORM 1090. **B** Mont
Sum

. **The following register of monthly**
&c., is NOT required if daily or
values are given on the other side

also the space for

er should be sent:—

ON.-U.-LYNE.

RAINFALL IN 1931

At Chew Reservoir Greenfie

In the County of York

Summer 9 am Greenwich

Rain Gauge { Diameter of Funnel 5
Height of Top above Ground 1 *ft.* —
Height of Ground above Sea Level 18

les Direction from
yds. gauge WNW.

les Direction from
yds. gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Numb Days ·01 in or more	
	Inches.	Inches.	Date.	*	*
JAN.	9·64				
FEB.	7·37				
MAR.	0·56				
APRIL	6·44				
MAY	3·48				
JUNE	7·61				
JULY	6·93				
AUG.	8·41				
SEPT.	7·35				
OCT.	3·80				
NOV.	6·81				
DEC.	3·24				
Total	71·64				

Gauge read weekly and at end of month

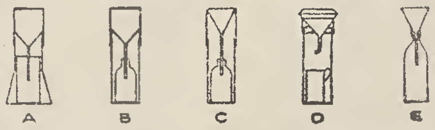
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move................ Distance................ Direction................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature M T B Whitson
JWH

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st;* ~~*it is therefore the amount measured on January 2nd.*~~ *9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Mont
Sum

3095

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Chew Reservoir Greenfield
In the County of York
Rain Gauge { Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1848 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	9·64	Gauge read weekly	and at end of month		
FEB.	7·37				
MAR.	0·56				
APRIL	6·44				
MAY	3·48				
JUNE	7·61				
JULY	6·93				
AUG.	8·41				
SEPT.	7·35				
OCT.	3·80				
NOV.	6·81				
DEC.	3·24				
Total	71·64				

Signature M. T. B. Whitson

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers, ASHTON.-U.-LYNE.

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Friezland Distance 2 miles 1630 yds. Direction from gauge WNW.

Nearest Parish Church at St. Mary's Greenfield Distance 2 miles 570 yds. Direction from gauge

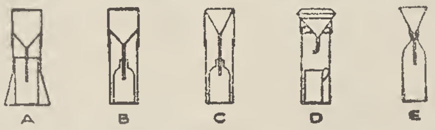
Nature of objects nearest to gauge				
Heights of objects		Open moor		
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3095

FORM 1090. **B** Monthly Summary.

C Particulars of Station.

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 193.....

At Chew Reservoir Greenfield

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* – *in.*
Height of Ground above Sea Level 1648 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6·66	Gauge read weekly	and at end of month		
FEB.	·57				
MAR.	3·90				
APRIL	5·80				
MAY	6·70				
JUNE	·73				
JULY	6·78				
AUG.	2·18				
SEPT.	7·35				
OCT.	9·77				
NOV.	4·76				
DEC.	2·50				
Total	57·70				

Signature M. J. B. Whitson

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers, Ashton under Lyne

Hour of observation by the clock—in Winter 9am Greenwich in Summer 9am Greenwich

Nearest Railway Station Friezland Distance 2 miles 1630 yds Direction from gauge W N W

Nearest Parish Church at St Mary's Greenfield Distance 2 miles 570 yds Direction from gauge

Nature of objects nearest to gauge

Heights of objects

Distances .. Open moor.

Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3095

FORM 1090.

B Monthly Summary.

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933

At Chew Reservoir. Greenfield

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1648 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·15	Gauge read weekly	and at end of month		
FEB.	4·76				
MAR.	3·67				
APRIL	2·67				
MAY	1·88				
JUNE	4·00				
JULY	5·55				
AUG.	1·94				
SEPT.	2·47				
OCT.	6·55				
NOV.	2·71				
DEC.	·88				
Total	40·23				

Signature W. J. B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers, Ashton-under-Lyne

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m. Greenwich

Nearest Railway Station Friezland Distance 2 miles 1650 yds Direction from gauge W. N.W.

Nearest Parish Church at St. Mary's Greenfield Distance 2 miles 570 yds Direction from gauge —

Nature of objects nearest to gauge				
Heights of objects				
Distances ..		Open moor		
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception*. When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{array}{c|c}17 & \multirow{2}{*}{\}\cdot14} \\ 18 & \end{array}$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3095

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Chew Reservoirs Greenfield

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* – *in.*
- *Height of Ground above Sea Level* 1648 *ft.*

Month.	Total Depth. Inches	Greatest Fall in 24 hours. Inches	Date	Number of Days with ·01 in or more *	·04 in. or more *
JAN.	~~2·82~~ 4·30		Gauge read weekly	and at end of month.	
FEB.	·55				
MAR.	4·03				
APRIL	3·39				
MAY	3·70				
JUNE	2·81				
JULY	5·00				
AUG.	5·30				
SEPT.	4·46				
OCT.	7·96				
NOV.	4·40				
DEC.	6·05				
Total	51·95 ✓				

Signature M. T. B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers Ashton-u-Lyne

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Friezland Distance 2 miles 1630 yds. Direction from gauge WNW.

Nearest Parish Church at St. Mary's Greenfield Distance 2 miles 570 yds. Direction from gauge

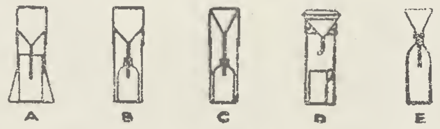
Nature of objects nearest to gauge				
Height of objects				
Distances ..	Open moor			
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

M.O. 16 [illegible] 1934

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3095

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Chew Reservoir

In the County of Greenfield York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1648 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·71				
FEB.	7·19				
MAR.	3·18				
APRIL	3·84				
MAY	·97				
JUNE	5·37				
JULY	3·32				
AUG.	2·57				
SEPT.	8·22				
OCT.	11·88				
NOV.	6·87				
DEC.	3·94				
TOTAL	61·06				

Gauge read weekly and at end of month

Signature M. T. B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Waterworks Offices
Town Hall Chambers Ashton u Lyne

Hour of observation by the clock—in Winter 9am in Summer 9am Standard

Nearest Railway Station Greenfield Distance 2 miles 1630 yds. Direction from gauge W N W

Nearest Parish Church at St. Marys. Greenfield Distance 2 miles 570 yds. Direction from gauge

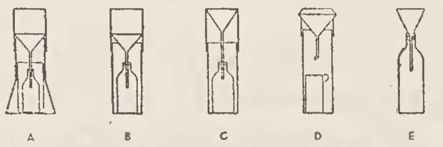
Nature of objects nearest to gauge				
Height of objects				
Distances ...		Open	moor	
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following* 9 *a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193....

At Chew Reservoir

In the County of York

Rain Gauge { Diameter of Funnel 5 in.

Height of Top above Ground .... *ft.* .... *in.*

Height of Ground above Sea Level 1648 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
	Inches	Inches	Date	·01 in. or more *	·04 in. or more *
JAN.	3·24				
FEB.	3·85	This Gauge read	weekly and end		
MAR.	3·72				
APRIL	2·35				
MAY	1·87				
JUNE	4·68			of month	
JULY	6·52				
AUG.	4·44				
SEPT.	8·40				
OCT.	7·22				
NOV.	7·80				
DEC.	4·69				
TOTAL	58·78 ✓				

Signature W. T. B. Whitson / W.H.

* See Instruction 3 *(f)* below.

C Particulars of Station.

3095

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

as last year

Hour of observation by the clock—in Winter.............. in Summer..............

Nearest Railway Station.............. Distance.............. Direction from gauge..............

Nearest Parish Church at.............. Distance.............. Direction from gauge..............

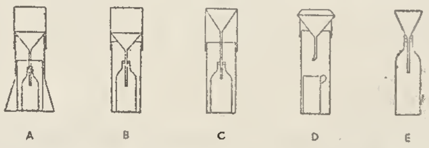
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............. Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
27 JAN. 1937

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Printed under the authority of His Majesty's Stationery Office by Wm. Hobbs & Sons, Ltd., Stone Street, Maidstone
Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91.
S.O. Code No. 40-9999

3095.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937..

At Chew Reservoirs (East)

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5" in.
Height of Top above Ground ...... *ft.* ...... *in.*
Height of Ground above Sea Level 1648 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·92				
FEB.	11·19				
MAR.	6·30				
APRIL	4·93				
MAY	3·42				
JUNE	3·23				
JULY	4·69				
AUG.	1·66				
SEPT.	2·89				
OCT.	3·25				
NOV.	2·98				
DEC.	4·63				
TOTAL	55·09 ✓				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................ Distance................ Direction from gauge................

Nearest Parish Church at................ Distance................ Direction from gauge................

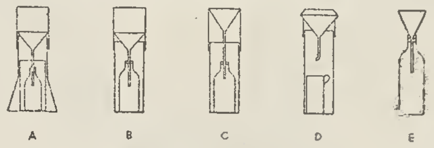
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move................ Distance................ Direction................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
22 JAN. 1938

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3095

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Chew Reservoir

In the County of York

Rain Gauge { Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* — *in.*

Height of Ground above Sea Level 1648 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·76	Gauge read weekly	and at end of month		
FEB.	2·92				
MAR.	2·79				
APRIL	·90				
MAY	4·68				
JUNE	6·67				
JULY	6·94				
AUG.	4·50				
SEPT.	2·93				
OCT.	11·45				
NOV.	6·36				
DEC.	5·76				
TOTAL	62·56 ✓ H				

Signature ……………………………

W

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

………………………………………………

………………………………………………

Hour of observation by the clock—in Winter…………in Summer…………

Nearest Railway Station…………… Distance…………Direction from gauge…………

Nearest Parish Church at…………… Distance…………Direction from gauge…………

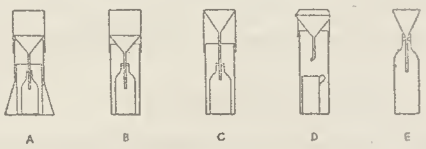
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move…………… Distance………… Direction…………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

………………………………………………

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

3095

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Chew Reservoir Greenfield

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1648 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·35				
FEB.	6·08				
MAR.	3·97				
APRIL	3·62				
MAY	3·35				
JUNE	5·05				
JULY	10·07				
AUG.	3·07				
SEPT.	2·52				
OCT.	4·01				
NOV.	10·14				
DEC.	5·35 ~~4·99~~				
TOTAL	63·58 ~~58·09~~				

Gauge read weekly & at end of month

Signature M T B Whitson

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Waterworks Offices
Town Hall Chambers Ashton under Lyne

Hour of observation by the clock—in Winter 9am in Summer 9am Greenwich

Nearest Railway Station Friezland Distance 2 miles 1050 yds Direction from gauge

Nearest Parish Church at St Mary's Greenfield Distance 2 miles 570 yards Direction from gauge

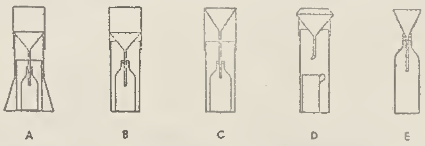
Nature of objects nearest to gauge				
Height of objects				
Distances ...	Open moor			-
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9099

FORM 1090. **B** Monthly Summary.

3095

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940.

At Chew Reservoir (East Side)

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1648 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·59				
FEB.	4·31				
MAR.	4·56				
APRIL	4·00				
MAY	1·20				
JUNE	1·25				
JULY	6·65				
AUG.	4·08				
SEPT.	6·87				
OCT.	5·66				
NOV.	10·11				
DEC.	7·66				
TOTAL	58·94				

Gauge read weekly and at end of month.

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.......in Summer.......

Nearest Railway Station....... Distance....... Direction from gauge.......

Nearest Parish Church at....... Distance....... Direction from gauge.......

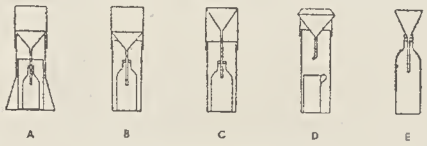
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move....... Distance....... Direction.......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

30 JAN 1941
B. K.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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Wt. 2778/2036 21,000 10/38 W. H. & S. 668/91 S.O. Code No. 40-9999

GREENFIELD (LO

Section **A** for the ent
AIR MIN

FORM 1090

REC

Kept at .... LOWER CH

in the County of ....

Diameter of Funnel of Gauge

Height of top of Gauge abov

,, Ground ,,

THE MORNING MEAS

An observer who does not conf
year in the space on the right

—

3095/1

GREENFIELD
LOWER CHEW
1938 —— 40

780506

Station No. 3095/1
FALL ORGANIZATION

38

£.705468/26

FORM.

MONTHLY

US DAY

he following

Jan. 1, following

Date	Jan.	Feb.	Mar.								ov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1										SUNDAY	·23	·43		1
2										·91	·01	·18		2
3										1·42	·36	·02		3
4										·19	·68	·88		4
5										·86	·02	·04		5
6										·34	–	·01		6
7										·09	–	–		7
8										SUNDAY	–	·34		8
9										·99	–	·17		9
10										·51	–	·06		10
11										·21	·10	·03		11
12										1·72	SHOOTING	·02		12
13										·36	·43	·26		13
14										·02	–	·01		14
15										SUNDAY	–	·13		15
16										·17	·05	·27		16
17										·32	·04	–		17
18										·61	·36	–		18
19										–	·01	·19		19
20										–	·50	·08		20
21										–	·08	·14		21
22										SUNDAY	·27	·13		22
23										–	·65	–		23
24										·01	·36	·04		24
25										·41	·93	–		25
26										·36	·14	·11		26
27										·02	·62	–		27
28										·01	·01	·23		28
29										SUNDAY	·07	·39		29
30		✕								·29	·04	·13		30
31		✕		✕		✕			✕	·62	✕	1·23		31
TOTAL										10·44	5·96	5·52	Year's Total	
* Days with .01 in. or more.										–	22 ?	25		
* Days with .04 in. or more.										–	18	20		

[illegible]
GP
24/4/39

N

† Spare column, no entries required.

(Signed) ....M. T. B. WHITSON ESQ. P.E. [P.T.O.

* See Instruction 3 (f) on other side.

GREENFIELD (Lo

Section **A** for the entry of Daily Observations

Station No. 3095/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

£.705468/26

Kept at LOWER CHEW.
in the County of YORK.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground ......ft. ......in.
,, Ground ,, Sea Level 825 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1										SUNDAY	·23	·43		1
2										·91	·01	·18		2
3										1·42	·36	·02		3
4										·19	·68	·88		4
5										·86	·02	·04		5
6										·34	–	·01		6
7										·09	–	–		7
8										SUNDAY	–	·34		8
9										·99	–	·17		9
10										·51	–	·06		10
11										·21	·10	·03		11
12										1·72	SHOOTING	·02		12
13										·36	·43	·26		13
14										·02	–	·01		14
15										SUNDAY	–	·13		15
16										·17	·05	·27		16
17										·32	·04	–		17
18										·61	·36	–		18
19										–	·01	·19		19
20										–	·50	·08		20
21										–	·08	·14		21
22										SUNDAY	·27	·13		22
23										–	·65	–		23
24										·01	·36	·04		24
25										·41	·93	–		25
26										·36	·14	·11		26
27										·02	·62	–		27
28										·01	·01	·23		28
29										SUNDAY	·07	·39		29
30		✕								·29	·04	·13		30
31		✕		✕		✕			✕	·62	✕	1·23		31
TOTAL										10·44	5·96	5·52	Year's Total	
* Days with .01 in. or more.										–	22?	25		
* Days with .04 in. or more.										–	18	20		

Up
completed
GP
24/4/39

N

*See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) M. T. B. WHITSON ESQ. P.E [P.T.O.

GREENFIELD (LOWER CHEW)

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3095|1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Greenfield, Lower Chew

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level 825 ft.

1938

TRAVELLING FORM.

VALUES FORWARDED M...

705468 1/2.6

2/40

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·23	-	·11	·02	-	-	·11	-	-	·05	-	·69		1
2	·07	-	-	·17	-	-	·69		·55	·03	·01	·15		2
3	·20	-	-	·27	-	-	-	3 days 1·11	-	-	·04	1·09		3
4	·42	-	·25	·30	-	-	·88	·03	-	·21	·01	·88 ~~X·88~~		4
5	-	-	-	·01	·29	-	·29	·04	-	·16	·51	·29		5
6	·65	·23	·01	·01	-	-	·48	-	-	·01	·14	-		6
7	·33	·26	·15	-	·01	-	·12	·01	-	-	·20	·54		7
8	·43	·19	·16	·04	-	-	1·20	·03	-	·06	·22	·59		8
9	·15	·83	-	-	-	-	·08	·63	-	·25	·11	·97		9
10	·15	·03	-	-	-	·29	-	·57	·78	·08	-	·05		10
11	·42	·05	·26	-	-	·19	-	·01	·08	·03	-	·02		11
12	·65	·27	-	-	-	·19	-	-	-	-	·01	·01		12
13	-	-	·04	·39	·11	·17	·05	-	·03	·15	·05	-		13
14	·61	-	·03	·15	·62	·44	·07	-	-	·25	·15	-		14
15	·13	·05	·05	·80	·24	1·30	·26	-	·09	·02	·11	-		15
16	·08	-	·07	·02	1·30	-	·02	-	·05	-	·13	-		16
17	·81	·39	·02	·02	·08	·12	-	-	-	·54	·09	-		17
18	·18 ~~·17~~	·32	·10	-	-	·33	·40	-	·03	·05	1·03	-		18
19	·37	-	-	-	·01	·01	·47	-	·11	·02	-	·04		19
20	·08	-	-	-	·01	·36	·59	·30	·14	-	-	·01		20
21	·08 ~~·17~~	·04	·65	·23	·19	·13	·02	·01	·14	-	-	-		21
22	·17	·76	·20	·04	-	-	·15	-	·02	-	·87	-		22
23	·02	·92	·03	·44	-	·01	·40	-	-	·66	·18	-		23
24	·01	·10	·02	·14	-	·08	-	-	-	·03	·01	·02		24
25	·61	·39	·07	-	-	·01	-	-	-	-	2·10	-		25
26	·14	·14	·04	-	·01	-	-	-	-	·15	·50	·02		26
27	·10	·80	·91	·02	-	·33	·13	·05	-	·33	·32	-		27
28	·06	·22	·49	·11	-	·28	·67	·03	-	-	·99	-		28
29	-	X	-	·02	-	-	1·71	-	-	·48	·43	-		29
30	-	✗	-	-	-	·23	·32	-	-	-	·42	-		30
31	-	✗	-	✗	-	✗	·29	-	✗	·07	✗			31
TOTAL	7·08	5·99	3·66	3·20	2·87	4·47	9·40	2·82	2·02	3·63	8·63	5.37 ~~X·37~~	Year Total 59·14 ~~XX·XX~~	
* Days with .01 in. or more.	26	18	20	19	11	17	23	12	11	21	24	15	217	
* Days with .04 in. or more.	23	17	15	12	7	14	21	6	8	15	20	10	168	

print wt.

M. T. B. WHITSON, Esq. C.E.

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3095/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Greenfield, Lower Chew

in the County of W. R. Yorks.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....845..........ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·16	–	·01	–	–	·13	–	·42	·26		1
2	–	–	–	·40	–	–	·12	–	–	–	·38	·19		2
3	·01	–	–	·20	–	–	·22	–	–	·09	·05	·22		3
4	–	·24	–	·07	–	–	·10	–	–	·20	·26	·31		4
5	–	–	–	–	·22	–	·25	–	·01	·50	·12	·53		5
6	·06	·66	–	–	·01	–	·11	–	–	·80	·07	·19		6
7	·15	–	–	·28	·14	–	·01	·21	·11	·04	–	–		7
8	–	–	·01	·07	–	–	·05	·08	–	·26	–	·36		8
9	–	–	·27	·01	–	–	·55	·39	·45	·37	1·49	·31		9
10	–	–	·04	–	–	–	·39	·41	·05	·13	·71	·73		10
11	–	–	·13	·10	–	–	·40	–	–	–	1·57	–		11
12	–	·48	·84	–	–	–	·23	–	·97	–	·59	–		12
13	–	·06	·31	·03	–	–	–	·09	·50	–	·01	–		13
14	–	·04	·09	·26	·23	–	–	·24	·24	·01	·08	·56		14
15	–	–	–	·28	·05	·05	–	–	·03	·07	·07	·06		15
16	–	·13	·25	·14	–	–	·52	–	1·82	·66	·55	·10		16
17	·04	·04	·87	–	·01	–	1·21	–	·39	–	1·02	–		17
18	–	·05	·39	1·03	–	–	·05	·54	·35	–	·19	·39		18
19	–	·11	·30	·14	–	–	·69	–	·31	·06	·26	·02		19
20	–	–	·03	·30	–	·01	·58	·83	·40	·16	·24	–		20
21	–	–	·22	–	–	·56	·24	·04	·02	·10	1·49	·03		21
22	–	·07	·04	–	·10	·13	–	·09	·40	·04	–	–		22
23	–	·46	·04	·10	–	·01	·03	·03	·11	·09	–	·03		23
24	·36	·01	·02	·04	–	–	–	·01	–	·05	–	·02		24
25	–	–	–	–	·02	·15	·02	–	–	·08	–	–		25
26	1·06	·12	–	–	–	·01	·02	·01	–	–	·04	–		26
27	·48	·54	–	·20	–	–	·20	·02	–	–	·14	–		27
28	·06	·55	–	–	·07	–	–	·17	–	–	–	·10		28
29	–	·01	·36	–	·16	·34	·06	–	·05	·02	–	·87		29
30	–	✕	–	·13	–	–	–	–	–	·39	–	·60		30
31	·12	✕	·22	✕	·03	✕	–	·07	✕	1·36	✕	·30		31
TOTAL	2·34	3·57	4·45	3·94	1·04	1·23	6·05	3·23	6·34	5·48	9·75	6·18	Year's Total 53·60	✓
* Days with .01 in. or more.	9	16	18	19	11	9	22	16	18	21	21	21	201	✓
* Days with .04 in. or more.	8	14	15	17	7	4	18	12	16	19	20	17	167	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

Section A **for the entry of** ... **ation No.** 3095/1/2

AIR MINISTI ... L ORGANIZATION

FORM 1090 **REGIS** ... O

Greenfield

Kept at Lower Chen

in the County of York

Diameter of Funnel of Gauge.......

Height of top of Gauge above Gr

,, Ground ,, Sea

THE MORNING MEASURI ... **DAY**

An observer who does not conform t ... *llowing*

year in the space on the right of th

Ple

Jan. 1, following

3095/1/2
GREENFIELD
LOWER CHEW No2
1940

780506

f.705468/26

Date	Jan.	Feb.	Mar.	A								Dec.		Date
	in.	in.	in.						in.	in.	in.	in.	†	
1	–	–	–	·16	–	·01	–	–	·13	–	·42	·26		1
2	–	–	–	·36	–	–	·12	–	–	–	·37	·18		2
3	·01	–	–	·19	–	–	·24	–	–	·08	·05	·22		3
4	–	·24	–	·07	–	–	·10	–	–	·18	·27	·30		4
5	–	–	–	–	·22	–	·24	–	·01	·49	·12	·54		5
6	·06	·65	–	–	·01	–	·12	–	–	·79	·06	·19		6
7	·15	–	–	·28	·13	–	·01	·20	·11	·04	–	–		7
8	–	–	·01	·07	–	–	·05	·07	–	·27	–	·37		8
9	–	–	·28	·01	–	–	·52	·40	·44	·37	1·54	·29		9
10	–	–	·04	–	–	–	·40	·40	·05	·13	·68	·74		10
11	–	–	·12	·09	–	–	·42	–	–	–	1·59	–		11
12	–	·48	·82	–	–	–	·21	–	1·01	–	·62	–		12
13	–	·06	·30	·03	–	–	–	·08	·51	–	·01	–		13
14	–	·04	·10	·25	·23	–	–	·23	·24	·01	·07	·54		14
15	–	–	–	·31	·05	·01	–	–	·02	·07	·07	·06		15
16	–	·12	·24	·13	–	–	·51	–	1·76	·66	·54	·10		16
17	·04	·03	·84	–	·01	–	1·19	–	·40	–	1·00	–		17
18	–	·06	·38	·90	–	–	·05	·55	·33	–	·19	·41		18
19	–	·11	·28	·13	–	–	·67	–	·30	·06	·27	·02		19
20	–	–	·02	·31	–	·01	·60	·82	·41	·16	·23	–		20
21	–	–	·21	–	–	·60	·23	·06	·01	·11	1·46	·04		21
22	–	·06	·06	–	·11	·14	–	·09	·38	·04	–	–		22
23	–	·48	·04	·09	–	·01	·03	·03	·10	·08	–	·03		23
24	·35	·01	·03	·03	–	–	–	·01	–	·05	–	·02		24
25	–	–	–	–	·01	·14	·02	–	–	·08	–	–		25
26	1·05	·12	–	–	–	·01	·01	·01	–	–	·04	–		26
27	·47	·55	–	·19	–	–	·20	·02	–	–	·14	–		27
28	·06	·58	–	–	·06	–	–	·17	–	–	–	·10		28
29	–	·01	·34	–	·16	·34	·06	–	·04	·02	–	·86		29
30	–	✕	–	·13	–	–	–	–	–	·39	–	·57		30
31	·10	✕	·23	✕	·03	✕	–	·07	✕	1·27	✕	·31		31
TOTAL	2·29	3·60	4·34	3·73	1·02	1·27	6·00	3·21	6·25	5·35	9·74	6·15	Year's Total 52·95	
* Days with .01 in. or more.	9	16	18	19	11	9	22	16	18	21	21	21	201	
* Days with .04 in. or more.	8	13	15	16	7	4	18	12	15	19	20	18	165	

N

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ......M. T. B. Whitson...... [P.T.O.

Section **A** for the entry o… …ation No. 3095/1/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

Greenfield

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Lower Chew No 2 Check g.

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 720 ft.

Check gauge

f. 705468/26

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	–	–	·16	–	·01	–	–	·13	–	·42	·26		1
2	–	–	–	·36	–	–	·12	–	–	–	·37	·18		2
3	·01	–	–	·19	–	–	·24	–	–	·08	·05	·22		3
4	–	·24	–	·07	–	–	·10	–	–	·18	·27	·30		4
5	–	–	–	–	·22	–	·24	–	·01	·49	·12	·54		5
6	·06	·65	–	–	·01	–	·12	–	–	·79	·06	·19		6
7	·15	–	–	·28	·13	–	·01	·20	·11	·04	–	–		7
8	–	–	·01	·07	–	–	·05	·07	–	·27	–	·37		8
9	–	–	·28	·01	–	–	·52	·40	·44	·37	1·54	·29		9
10	–	–	·04	–	–	–	·40	·40	·05	·13	·68	·74		10
11	–	–	·12	·09	–	–	·42	–	–	–	1·59	–		11
12	–	·48	·82	–	–	–	·21	–	1·01	–	·62	–		12
13	–	·06	·30	·03	–	–	–	·08	·51	–	·01	–		13
14	–	·04	·10	·25	·23	–	–	·23	·24	·01	·07	·54		14
15	–	–	–	·31	·05	·01	–	–	·02	·07	·07	·06		15
16	–	·12	·24	·13	–	–	·51	–	1·76	·66	·54	·10		16
17	·04	·03	·84	–	·01	–	1·19	–	·40	–	1·00	–		17
18	–	·06	·38	·90	–	–	·05	·55	·33	–	·19	·41		18
19	–	·11	·28	·13	–	–	·67	–	·30	·06	·27	·02		19
20	–	–	·02	·31	–	·01	·60	·82	·41	·16	·23	–		20
21	–	–	·21	–	–	·60	·23	·06	·01	·11	1·46	·04		21
22	–	·06	·06	–	·11	·14	–	·09	·38	·04	–	–		22
23	–	·48	·04	·09	–	·01	·03	·03	·10	·08	–	·03		23
24	·35	·01	·03	·03	–	–	–	·01	–	·05	–	·02		24
25	–	–	–	–	·01	·14	·02	–	–	·08	–	–		25
26	1·05	·12	–	–	–	·01	·01	·01	–	–	·04	–		26
27	·47	·55	–	·19	–	–	·20	·02	–	–	·14	–		27
28	·06	·58	–	–	·06	–	–	·17	–	–	–	·10		28
29	–	·01	·34	–	·16	·34	·06	–	·04	·02	–	·86		29
30	–	✕	–	·13	–	–	–	–	–	·39	–	·57		30
31	·10	✕	·23	✕	·03	✕	–	·07	✕	1·27	✕	·31		31
TOTAL	2·29	3·60	4·34	3·73	1·02	1·27	6·00	3·21	6·25	5·35	9·74	6·15	Year's Total 52·95	
* Days with .01 in. or more.	9	16	18	19	11	9	22	16	18	21	21	21	201	
* Days with .04 in. or more.	8	13	15	16	7	4	18	12	15	19	20	18	165	

* See Instruction 3 (f) on other side.

N

† Spare column, no entries required.

(*Signed*) M. T. B. White Eng. CE

[P.T.O.

3095/2

Greenfield (Che

Section **A** for the entry … Station No. ~~3095/3~~

AIR MINIS … ALL ORGANIZATION

FORM 1090

REG … 38

Kept at SLUICE C…

in the County of W.R. Yo…

Diameter of Funnel of Gauge..

Height of top of Gauge above

,, Ground ,,

THE MORNING MEAS… S DAY

An observer who does not confo… e following
year in the space on the right o…

[illegible]

ORM.

ONT

f. 70546/[illegible]

Jan. 1, following

—

3095/2

GREENFIELD

CHEW SLUICE

1938 — 40

70506

Date	Jan.	Feb.	Mar.								v.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1										/				1
2										~~(2·50)~~				2
3										/				3
4										/				4
5										GAUGE FIXED		1·70		5
6														6
7											1·40			7
8														8
9														9
10										3·30				10
11														11
12												·63		12
13														13
14											·53			14
15														15
16														16
17										2·34				17
18														18
19														19
20														20
21											1·03			21
22														22
23														23
24										·99				24
25														25
26														26
27														27
28														28
29														29
30		✕									2·82			30
31		✕		✕		✕			✕	1·78	✕	3·30		31
TOTAL										~~8·41~~	5·78	5·63	Year's Total	
* Days with .01 in. or more.										(10·91)				
* Days with .04 in. or more.														

up
incomplete
GB
24/4/39

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) M.T.B. WHITSON ESQ, C.E. [P.T.O.

Greenfield (Che

Section **A** for the entry of Daily Observations

Station No. ~~3095/3~~ 3095/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at SLUICE CHEW

in the County of W.R. York 1/4

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ......ft......in.

,, Ground ,, Sea Level 1670 ft.

TRAVELLING FORM.

VALUES FORWARDED MONT

Cat 1–4th est from nearby stations

f. 705460/

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1										/				1
2										(2·50)				2
3										/				3
4										/				4
5										GAUGE FIXED		1·70		5
6														6
7											1·40			7
8														8
9														9
10										3·30				10
11														11
12												·63		12
13														13
14											·53			14
15														15
16														16
17										2·34				17
18														18
19														19
20														20
21											1·03			21
22														22
23														23
24										·99				24
25														25
26														26
27														27
28														28
29														29
30		✕									2·82			30
31		✕		✕		✕			✕	1·78	✕	3·30		31
TOTAL										~~8·41~~	5·78	5·63	Year's Total	up incomplete
* Days with .01 in. or more.										(10·91)				GB
* Days with .04 in. or more.														24/4/39

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) M.T.C. WHITSON ESQ, C.E [P.T.O.

G. REENFIELD (CHEW SLUICE)

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3095/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

1938

Kept at Greenfield Chew Sluice

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground ....ft. ....in.

,, Ground ,, Sea Level 1670 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY.

f 705468/36

2/40

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6			·37								·79			6
7								1·20						7
8					·30									8
9	2·15									·95				9
10				·85			4·15							10
11									1·35			4·75		11
12														12
13		2·05	·72								·55			13
14						1·65		1·30						14
15					1·10									15
16										·50				16
17	2·44			1·60			·40							17
18									·23					18
19						1·65								19
20		·88	·30								1·75			20
21								·30						21
22														22
23	·90									1·40				23
24				·87			2·20		·62					24
25												·15		25
26						·45								26
27														27
28		3·17												28
29		X												29
30				·11		·95			—		6·40			30
31	·35		2·45		1·75		3·38	·06		·84		·09		31
TOTAL	5·84	6·10	3·84	3·43	3·15	4·70	10·13	2·86	2·20	3·69	9·49	4·99	Year's Total 60·42	
* Days with .01 in. or more.	—	—	—	—	—	—	—	—	—		—	—		
* Days with .04 in. or more.	—	—	—	—	—	—	—	—	—		—	—		

M. T. B. WHITSON, Esq. C. E.

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3095/2

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1930.

Kept at Greenfield, Chew Sluice

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2														2
3														3
4														4
5														5
6					·20									6
7										1·90				7
8	·38						·85							8
9									·35					9
10											3·10			10
11			·53											11
12														12
13					·14									13
14										·76				14
15							1·97					4·65		15
16				2·15										16
17											4·04			17
18			2·90											18
19														19
20														20
21										·90				21
22	·10			·80			3·88		6·53 ~~5·30~~			Frozen		22
23														23
24						·70		3·~~20~~85						24
25			·76								1·80			25
26		3·50												26
27														27
28														28
29		·90												29
30		✕		·50		·45			·15 ~~·16~~		·10			30
31	2·00	✕	·64	✕	·61	✕	·25	·4~~8~~7	✕	1·66	✕	2·95		31
TOTAL	2·48	4·40	4·83	3·45	·95	1·15	6·95	~~3·60~~ 4·32	~~5·81~~ 7·03	5·22	9·04	7·60	Year's Total 57·42	
* Days with .01 in. or more.														
* Days with .04 in. or more.														

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

3095/5

GREENFIELD

SEWAGE DISPOSAL WKS.

1933 — 40

780506

Section **A** **for the entry of** … ation No. 3095/5

AIR MINISTRY … ORGANIZATION.

FORM 1090.

REGIST

X GREENFIELD X

Kept at ~~Hyd~~ Sewage Disp

in the County of Yorkshire

W/Riding 24

Diameter of Funnel of Gauge

Height of top of Gauge above Grounc

,, Ground ,, Sea Le

THE MORNING MEASU

An observer who does not conform to t … owing

year in the space on the right of this

Jan. 1, following

Date	Jan.	Feb.	Mar.	A								Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1											·39	–		1
2											·02	–		2
3											·06	–		3
4											·03	–		4
5											·01	–		5
6											–	·075		6
7											–	·02		7
8											·20	·06		8
9										·75	·175	–		9
10										·91	·01	~~·02~~		10
11										·32	–	·02		11
12										·08	·135	·02		12
13										·34	·20	–		13
14										·02	·63	–		14
15										·40	·065	·04		15
16										·24	·24	–		16
17										–	·025	–		17
18										–	·03	–		18
19										–	–	·03		19
20										–	–	Dense fog. Trace		20
21										–	–	Dense fog. Trace		21
22										·09	–	–		22
23										·03	–	–		23
24										–	·02	–		24
25										–	·02	·06		25
26										·43	·01	–		26
27										·02	–	–		27
28										–	–	–		28
29										·04	–	·08		29
30		X								·28	–	·31		30
31		X		X		X			X	·19	X	–		31
TOTAL										✓ 4.14	2.26	0.715	Year's Total 84 days. ~~7.115~~	incomplete
*Days with ·01 in. or more.										3.	9.	4	~~16~~	– –
*Days with .04 in. or more.										12	9.	6	~~27~~	– –

40-9999

*See Instruction 2 (*f*) on other side.

D N

† Spare column, no entries required.

(*Signed*) Andrew Cooter

X THE MANAGER X

[P. T. O.

Section **A** for the entry of Daily Observations. ...tion No. 3095 ~~15~~

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

X GREENFIELD X

Kept at ~~the~~ (Sewage Disposal Works.) ~~Greenfield~~ near Oldham.

in the County of Yorkshire.

W/Riding

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 505·49 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan. in.	Feb. in.	Mar. in.	April in.	May in.	June in.	July in.	Aug. in.	Sept. in.	Oct. in.	Nov. in.	Dec. in.	†	Date
1											·39	–		1
2											·02	–		2
3											·06	–		3
4											·03	–		4
5											·01	–		5
6											–	·075		6
7											–	·02		7
8											·20	·06		8
9										·75	·175	–		9
10										·91	·01	~~·02~~		10
11										·32	–	·02		11
12										·08	·135	·02		12
13										·34	·20	–		13
14										·02	·63	–		14
15										·40	·065	·04		15
16										·24	·24	–		16
17										–	·025	–		17
18										–	·03	–		18
19										–	–	·03		19
20										–	–	Dense fog. Trace.		20
21										–	–	Dense fog. Trace.		21
22										·09	–	–		22
23										·03	–	–		23
24										–	·02	–		24
25										–	·02	·06		25
26										·43	·01	–		26
27										·02	–	–		27
28										–	–	–		28
29										·04	–	·08		29
30		X								·28	–	·31		30
31		X		X		X			X	·19	X	–		31
TOTAL										✓ 4.14	2.26	0·715	Year's Total 84 days. [illegible]	[illegible]
*Days with ·01 in. or more.										3.	9.	4	~~16~~	– –
*Days with ·04 in. or more.										12	9.	6	~~21~~	– –

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) Andrew Booker

X THE MANAGER X

D N

[P. T. O.

X GREENFIELD (SEWAGE DISPOSAL WORKS) X ~~Notes~~. 29045/33

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.** **Station No.** 3095/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

1X/W.Rid/4

Kept at The Sewage Disposal Works Greenfield nr Oldham
in the County of Yorkshire.
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 1 in.
,, Ground ,, Sea Level 505 ~~[illegible]~~ ft.

Comp 1933
Very good agreement. Print

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0.18	—	0.02	—	—	—	—	0.13	—	0.115	0.07	0.665		1
2	0.02	0.03	0.115	—	—	—	—	0.735	0.04	0.01	0.17	0.615		2
3	0.08	0.03	—	—	—	—	—	0.035	—	0.115	0.05	0.08		3
4	0.20	—	0.32	—	0.11	—	—	—	0.115	0.77	—	0.79		4
5	—	—	0.11	—	0.11	—	—	0.28	—	0.44	0.07	0.13		5
6	—	—	0.12	0.03	0.49	0.08	—	0.05	—	0.24	—	0.38		6
7	0.44	0.035	0.15	0.035	—	0.18	—	—	—	0.245	0.245	0.25		7
8	—	—	0.05	—	0.10	0.33	—	0.055	0.03	0.09	0.81	0.04		8
9	—	—	0.085	0.05	—	—	—	0.15	0.01	—	0.44	0.05		9
10	—	—	0.36	0.185	—	—	—	0.38	—	0.57	0.05	—		10
11	0.12	—	0.02	0.395	—	—	—	0.46	—	0.02	0.03	0.09		11
12	—	—	0.055	0.145	—	—	0.63	0.15	—	0.055	—	0.05		12
13	0.28	—	—	—	0.10	—	0.25	0.03	—	0.32	—	0.03		13
14	0.16	—	0.11	—	0.06	0.02	—	—	—	0.46	0.15	0.05		14
15	0.60	—	0.57	—	0.87	—	—	0.21	0.40	—	0.04	0.35		15
16	0.45	0.01	0.09	—	0.25	Trace	—	—	—	0.01	0.06	0.05		16
17	0.40	—	0.37	—	0.23	—	0.23	0.025	0.12	0.09	—	0.16		17
18	0.11	Trace	0.24	0.085	0.24	0.34	—	0.08	—	—	—	0.22		18
19	—	0.02	0.16	0.02	0.085	0.305	—	0.025	0.37	0.22	—	0.03		19
20	—	—	0.04	0.14	0.27	0.06	—	0.03	0.13	0.21	0.02	—		20
21	0.02	—	0.02	—	0.02	0.56	—	0.025	0.08	0.10	0.01	—		21
22	0.045	—	0.04	—	0.02	—	—	0.255	0.49	0.17	0.02	0.02		22
23	0.02	Trace	0.11	0.56	—	0.03	0.54	0.015	—	0.21	0.085	0.11		23
24	—	0.135	0.065	0.195	—	0.07	—	—	0.29	0.03	—	—		24
25	0.03	0.035	—	0.065	0.045	—	0.36	—	0.185	0.225	—	0.26		25
26	0.185	—	0.045	0.23	—	0.10	0.45	—	0.24	0.125	0.10	0.07		26
27	—	0.025	—	0.475	—	0.27	0.885	—	0.07	0.18	0.035	0.23		27
28	—	—	—	0.20	—	0.015	0.26	0.55	—	0.35	—	0.42		28
29	—	×	—	—	—	—	0.14	0.325	0.455	0.145	—	0.10		29
30	0.09	×	—	—	—	—	0.11	0.115	0.12	0.36	—	0.11		30
31	—	×	—	×	—	×	0.285	—	×	0.02	×	0.19		31
													Year's Total.	
TOTAL	3.43	0.32	3.265	2.81	3.00	2.36	4.14	4.11	3.145	5.895	2.455	5.54	40.47	
* Days with .01 in. or more.	18	8	23	15	15	13	11	22	16	28	18	27	214	
* Days with .04 in. or more.	14	1	20	13	13	10	11	16	14	23	13	24	172	

OK print
Print

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ~~Andrew Barber~~ THE MANAGER [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3095/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

File No 290457/33

Kept at The Sewage Disposal Works, Greenfield nr Oldham

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 505.49 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.60	0.30	0.02	0.03	—	—	0.08	—	0.03	0.46	0.06	0.33		1
2	0.02	0.12	0.02	—	—	0.24	—	—	0.08	0.18	0.20	0.25		2
3	0.14	0.72	0.10	0.11	—	0.05	0.66	0.08	0.09	0.02	0.10	0.24		3
4	—	0.03	0.02	0.02	—	0.11	0.08	—	0.22	0.15	—	0.03		4
5	—	0.46	0.12	0.27	—	0.18	0.04	—	0.26	0.02	0.20	0.17		5
6	0.03	0.01	—	0.08	—	0.21	—	—	—	—	—	0.01		6
7	—	—	—	0.20	—	0.24	—	—	—	0.17	0.14	0.35		7
8	—	—	—	0.15	—	0.13	—	—	—	0.14	0.09	0.47		8
9	0.02	—	—	0.33	—	0.13	—	—	—	1.85	0.10	0.02		9
10	—	0.12	—	0.56	—	0.01	—	—	—	0.77	0.03	—		10
11	Snow 0.53	0.15	—	—	—	0.11	—	0.03	—	0.29	0.09	0.04		11
12	—	0.13	—	—	—	0.35	—	—	0.12	—	0.01	—		12
13	0.13	0.07	—	0.05	0.29	0.11	—	—	0.12	0.09	—	—		13
14	—	—	—	0.04	0.10	0.15	—	—	0.13	—	1.04	0.15		14
15	—	1.45	—	0.47	0.04	—	0.05	—	0.21	0.11	0.08	0.27		15
16	—	0.32	0.13	0.38	0.05	0.18	0.16	—	0.44	0.03	0.35	—		16
17	—	0.13	—	0.39	Snow 0.31	0.20	0.28	—	0.60	0.11	0.45	—		17
18	0.02	—	—	0.25	0.07	0.04	0.08	—	0.54	0.45	0.20	—		18
19	—	0.02	—	0.19	0.01	0.31	0.28	—	—	0.18	0.24	—		19
20	—	0.48	—	0.03	—	0.25	0.34	—	—	—	0.17	—		20
21	—	0.42	—	0.03	—	—	—	0.02	0.63	0.17	0.05	Snow 0.22		21
22	0.02	0.11	0.16	—	—	—	—	—	0.05	—	0.05	—		22
23	0.03	—	1.15	—	—	—	—	0.53	0.06	0.20	—	—		23
24	0.57	0.37	0.03	—	—	—	—	—	1.04	0.03	—	0.03		24
25	0.22	0.08	0.50	—	—	0.14	—	—	—	—	0.10	0.04		25
26	—	—	—	—	—	—	0.07	0.90	0.45	0.60	0.13	0.29		26
27	—	0.08	—	—	—	0.16	0.44	—	0.52	0.97	0.43	0.11		27
28	0.05	0.03	—	—	—	—	—	0.55	0.12	0.62	0.11	0.02		28
29	0.02	×	0.05	—	—	—	—	0.04	0.32	0.47	0.13	0.06		29
30	0.16	×	—	—	—	0.12	—	0.13	0.29	0.47	0.72	0.04		30
31	0.07	×	0.03	×	—	×	—	0.03	×	0.50	×	0.21		31
TOTAL	2.63	5.60	2.33	3.58	0.87	3.42	2.56	2.28	6.32	9.05	5.27	3.35	Year's Total 47.26	
* Days with .01 in. or more.	16	21	12	18	7	21	12	9	21	25	25	21	208	
* Days with .04 in. or more.	9	17	7	14	6	20	12	6	20	21	23	16	171	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) Andrew Barker

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3095/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

File No 290457/33

Kept at The Sewage Disposal Works, Greenfield.

in the County of Yorkshire (West Riding) nr Oldham.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

„ Ground „ Sea Level 505·49 ft.

New Level 498·93 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0·01	0·16	0·24	0·24	—	—	—	0·46	0·12	—	0·22	0·22		1
2	0·01	0·07	0·03	0·07	—	0·60	0·61	0·21	0·01	—	0·03	0·19		2
3	0·04	—	—	—	—	0·36	0·08	0·17	0·75	—	—	0·10		3
4	0·02	0·12	0·19	—	—	0·03	—	0·19	0·62	—	0·30	0·33		4
5	0·06	0·02	0·57	—	0·04	—	—	0·29	0·52	0·04	—	0·25		5
6	0·05	—	0·07	—	—	0·04	0·08	0·58	0·56	—	0·10	—		6
7	—	—	0·06	—	—	—	0·13	—	0·95	Trace	0·09	0·24		7
8	0·19	—	0·12	—	—	—	—	—	0·02	0·03	0·55	0·10		8
9	0·17	—	0,09	—	—	0·02	0·04	—	0·09	0·07	1·53	—		9
10	0·14	—	—	0·03	—	—	0·43	—	—	—	0·65	—		10
11	—	—	—	0·17	—	0·17	0·56	0·09	0·05	—	0·39	0·02		11
12	—	—	—	0·11	0·06	0·48	0·35	0·07	0·23	0·08	0·17	0·04		12
13	—	—	—	0·05	—	0·04	0·14	—	—	0·19	0·03	0·17		13
14	—	—	—	0·07	—	0·27	0·05	0·05	0·57	0·18	0·32	0·88		14
15	0·14	0·03	0·03	0·12	0·02	0·12	0·09	0·27	0·02	—	0·47	0·06		15
16	0·02	0·07	0·02	0·04	0·02	—	0·06	—	0·05	0·03	0·78	—		16
17	0·08	0·25	0·01	0·03	0·05	—	0·11	0·07	—	0·55	0·07	0·13		17
18	—	0·09	—	0·03	—	0·15	0·24	0·09	—	0·90	—	—		18
19	0·08	0·19	0·04	0·11	—	0·11	0·49	0·55	—	0·11	—	—		19
20	0·34	0·03	—	0·03	—	—	0·04	—	—	0·06	—	—		20
21	0·28	—	0·01	0·06	—	0·04	—	—	—	0·19	—	Trace		21
22	0·06	0·42	0·05	—	—	1·15	0·27	—	—	—	—	0·09		22
23	—	0·04	0·31	0·22	0·10	0·02	0·41	0·02	—	0·19	—	—		23
24	0·07	0·09	0·02	0·06	0·17	—	—	0·04	0·20	0·43	—	0·04		24
25	0·11	—	0·01	0·10	—	—	—	—	0·52	0·21	0·02	0·06		25
26	0·08	0·33	0·18	—	—	—	0·05	—	0·25	0·71	—	—		26
27	0·90	0·01	0·02	—	—	—	—	—	0·12	0·37	—	—		27
28	0·20	0·53	0·09	0·02	—	0·01	0·17	—	—	—	—	0·11		28
29	0·08	0·25	0·67	—	0·66	0·52	—	—	—	0·10	0·18	0·19		29
30	0·33	✕	—	—	0·73	—	0·30	0·01	—	0·70	0·09	0·06		30
31	0·08	✕	0·04	✕	—	✕	0·10	0·06	✕	—	✕	0·27		31
TOTAL	3·54	2·70	2·87	1·56	1·85	4·14	4·80	3·22	5·65	5·14	5·99	3·55	Year's Total 45·01	✓
* Days with .01 in. or more.	24	17	22	18	9	17	22	17	18	19	18	20	221	✓
* Days with .04 in. or more.	20	13	14	13	7	13	22	15	15	17	15	19	183	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Andrew Barker

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3095/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 193

File No 290457/33

Kept at Sewage Disposal Works Greenfield nr Oldham
in the County of Yorkshire (West Riding)
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 1 in.
,, Ground ,, Sea Level 498.93 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.06	0.30	Snow 0.09	—	—	—	0.03	—	0.35	—	—	0.10		1
2	0.34	0.32	0.18	0.13	—	—	—	—	0.02	—	—	0.36		2
3	—	0.12	0.04	0.06	0.09	0.57	0.03	—	0.01	—	—	0.06		3
4	0.34	0.01	0.06	0.07	0.14	—	0.05	Trace	—	—	—	0.68		4
5	1.11	—	0.07	—	0.01	—	0.02	—	—	—	—	0.02		5
6	0.06	—	0.01	0.11	0.09	—	0.18	0.18	0.01	0.01	0.02	0.09		6
7	0.05	0.33	—	0.54	0.04	0.08	—	—	0.11	—	—	0.11		7
8	—	0.49	—	0.04	—	0.08	0.06	—	—	—	0.06	0.06		8
9	—	0.30	0.05	—	0.22	—	0.57	0.11	—	—	—	—		9
10	0.09	0.18	Snow 0.02	—	—	0.06	—	—	—	0.03	0.01	0.32		10
11	—	—	0.27	—	0.26	—	0.01	—	—	—	—	0.06		11
12	0.04	0.49	0.08	—	0.09	0.09	0.08	0.01	0.25	—	—	0.22		12
13	—	0.07	0.03	0.02	0.02	0.65	—	0.05	—	0.01	—	0.26		13
14	—	0.14	0.13	—	—	—	—	0.21	0.10	0.01	—	0.16		14
15	0.52	0.33	—	0.30	—	—	0.55	—	0.05	—	—	0.06		15
16	0.09	0.53	0.07	0.53	0.42	Trace	—	0.11	0.14	—	—	0.03		16
17	0.03	0.07	0.35	0.56	—	0.05	—	0.03	0.19	—	—	—		17
18	Snow 0.70	0.26	0.22	0.15	—	0.01	0.01	0.13	0.29	—	0.24	—		18
19	0.09	0.32	0.04	0.24	0.01	0.06	0.10	0.06	—	—	0.61	—		19
20	0.05	0.24	—	0.15	0.48	0.05	—	—	—	0.01	—	0.09		20
21	0.03	0.09	0.04	0.15	—	—	0.26	—	—	—	—	0.13		21
22	0.02	0.02	Snow 0.28	0.03	0.02	—	0.24	—	—	0.38	0.15	—		22
23	0.03	—	0.01	—	0.20	—	0.09	—	—	0.64	0.25	0.07		23
24	0.14	0.28	0.14	—	0.04	—	0.17	—	0.16	0.09	—	0.05		24
25	—	0.39	—	—	—	—	0.01	0.01	0.02	0.06	—	0.02		25
26	—	0.43	0.05	—	0.57	—	—	0.02	—	—	—	0.05		26
27	—	Snow 0.72	0.03	0.12	—	—		—	—	0.32	0.02	0.09		27
28	0.02	—	—	—	—	0.03		—	—	0.12	—	—		28
29	0.03	✕	—	—	—	0.05		—	—	0.02	0.12	0.04		29
30	0.07	✕	—	—	—	0.29		0.18	—	0.16	0.59	0.05		30
31	0.25	✕	—	✕	0.01	✕		0.01	✕	0.09	✕	—		31
TOTAL	4.16	6.43	2.26	3.20	2.71	2.07	2.46	1.11	1.70	1.96	2.07	3.18	Year's Total 33.31 ✓	
* Days with .01 in. or more.	22	23	22	16	17	13	17	13	13	14	10	24	204 ✓	
* Days with .04 in. or more.	16	21	17	14	12	11	11	8	9	8	7	21	155 ✓	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Andrew Barker [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3095/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

File No 290457/33

Kept at Sewage Disposal Works Greenfield

in the County of Yorkshire (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 498·93 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
1938.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	0.03	—	0.05	0.02	0.59	0.14	0.35	—	0.08	0.32	0.27		1
2	0.10	0.05	—	0.38	0.16	0.44	0.03	—	—	0.80	—	0.27		2
3	0.04	—	—	—	—	0.02	0.15	—	0.25	1.07	0.26	—		3
4	0.05	—	—	0.02	—	0.03	0.36	0.63	—	0.17	0.32	0.78		4
5	0.03	0.03	—	0.06	—	0.03	0.13	0.01	0.04	0.78	—	0.05		5
6	0.17	0.01	—	—	—	0.04	0.36	0.03	0.03	0.29	—	—		6
7	0.28	0.01	0.01	—	—	—	0.27	0.03	0.39	0.17	—	0.07		7
8	0.62	0.01	—	—	—	—	0.54	0.02	—	0.94	—	0.17		8
9	0.04	0.44	0.13	—	0.01	0.52	0.19	0.04	—	0.08	—	0.19		9
10	0.02	0.05	—	—	—	0.22	0.69	—	—	0.27	—	0.06		10
11	0.15	0.09	—	—	—	0.03	0.36	0.02	0.05	0.12	0.07	0.02		11
12	0.10	—	—	—	0.15	—	—	0.20	—	1.28	0.24	—		12
13	0.04	Snow 0.02	—	—	0.02	—	0.04	—	0.13	0.29	0.11	0.24		13
14	0.22	—	—	—	0.07	—	0.30	—	0.07	0.07	0.02	0.01		14
15	0.34	—	—	—	0.01	—	0.20	0.31	—	0.05	—	0.13		15
16	0.62	—	0.06	—	0.17	—	0.06	0.25	—	0.04	0.01	0.20		16
17	—	0.02	—	—	0.12	—	0.11	0.18	0.10	0.21	0.03	—		17
18	0.11	—	—	—	0.08	0.08	—	0.25	—	0.53	0.30	—		18
19	—	—	—	—	—	—	—	0.31	0.04	—	—	0.11		19
20	0.19	—	—	—	—	—	0.01	—	0.05	—	0.36	0.05		20
21	0.02	—	0.05	—	—	—	—	0.05	—	—	0.06	0.04		21
22	—	—	Trace	0.01	—	0.31	—	—	—	—	0.31	0.05		22
23	—	—	—	—	0.25	0.49	—	—	0.07	—	0.52	Trace		23
24	0.20	0.08	0.27	—	0.04	0.23	0.31	0.41	0.03	0.01	0.26	—		24
25	0.10	0.41	0.06	—	—	0.03	0.11	—	—	0.43	0.87	0.05		25
26	0.10	0.41	0.21	—	0.03	0.08	—	—	0.02	0.32	0.15	0.09		26
27	0.35	0.20	0.03	—	0.74	0.61	0.14	0.20	—	—	0.39	—		27
28	0.31	0.10	0.12	—	0.26	0.66	0.15	0.33	0.04	—	0.02	0.17		28
29	0.16	×	0.24	—	1.74	0.16	0.13	—	—	0.17	0.07	0.31		29
30	0.23	×	0.06	—	0.07	0.09	—	—	0.31	—	0.09	0.16		30
31	0.21	×	0.07	×	0.31	×	—	—	×	0.55	×	0.95		31
													Year's Total	
TOTAL	4.80	1.96	1.31	0.52	4.25	4.66	4.78	3.62	1.62	8.72	4.78	4.44	45.46	✓
* Days with .01 in. or more.	26	16	12	5	18	19	22	18	15	23	21	23	218	✓
* Days with .04 in. or more.	23	9	10	3	13	14	20	13	12	22	17	21	177	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Andrew Barker

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3095/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

File No 290457/33

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Sewage Disposal Works Greenfield

in the County of Yorkshire (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 498.93 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
1939	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.22	—	0.08	0.03	—	—	0.05	0.06	0.02	0.05	0.01	0.44		1
2	0.07	—	—	0.14	—	—	0.47	0.39	0.47	0.04	0.01	0.15		2
3	0.04	—	—	0.04	—	—	—	0.19	—	Trace	0.02	1.10		3
4	0.25	—	0.37	0.18	—	—	1.25	—	—	0.07	—	1.33		4
5	—	—	—	—	0.31	—	0.16	0.03	—	0.15	0.36	0.08		5
6	0.68	0.21	—	—	—	—	0.36	—	—	—	0.08	—		6
7	0.12	0.27	0.14	—	0.01	—	0.09	—	—	—	0.13	0.46		7
8	0.42	0.09	0.18	—	—	—	1.13	0.05	—	0.07	0.20	0.30		8
9	0.13	0.59	—	0.03	—	—	0.04	0.45	—	0.20	0.03	0.75		9
10	0.17	0.01	—	—	—	0.23	—	0.51	0.50	0.08	Trace	0.03		10
11	0.34	0.03	0.23	—	—	0.18	—	—	0.06	—	0.01	—		11
12	0.44	0.22	—	—	0.01	0.18	—	—	—	—	0.02	—		12
13	0.01	—	0.02	0.31	0.14	0.09	0.03	—	0.02	0.14	0.05	—		13
14	0.47	—	—	0.13	0.47	0.31	0.05	—	—	0.13	0.24	—		14
15	0.06	0.04	0.03	0.57	0.24	0.86	0.16	—	0.03	Trace	0.12	—		15
16	0.07	—	0.03	—	0.90	0.12	0.01	—	Trace	—	0.08	—		16
17	0.58	0.30	0.04	0.03	0.22	0.08	—	—	—	0.35	0.16	—		17
18	0.06	0.22	0.08	—	—	0.71	0.22	—	Trace	0.03	0.96	—		18
19	0.30	—	—	—	0.03	Trace	0.34	—	Trace	—	0.04	0.01		19
20	0.02	—	—	—	0.02	0.29	0.63	0.15	0.10	Trace	—	—		20
21	0.06	0.05	0.53	0.20	0.11	0.09	0.01	—	0.08	—	—	—		21
22	0.14	0.38	0.21	0.04	0.01	—	0.68	0.05	—	—	0.68	—		22
23	—	0.54	0.05	0.30	—	0.03	0.41	—	—	0.51	0.16	0.63		23
24	0.03	0.09	0.04	0.10	—	0.02	—	—	—	0.04	0.03	—		24
25	0.42	0.22	0.04	—	—	—	—	—	—	—	1.70	0.04		25
26	0.05	0.09	0.01	—	0.01	—	—	0.02	—	0.13	0.31	—		26
27	0.13	0.93	0.53	—	—	0.26	0.07	—	—	0.20	0.36	0.06		27
28	0.02	0.15	0.29	0.67	—	0.20	0.58	0.09	—	—	0.77	—		28
29	—	X	0.03	Trace	—	Trace	1.49	—	—	0.41	0.35	—		29
30	—	X	—	—	—	0.21	0.25	—	—	—	0.37	—		30
31	—	X	—	X	—	X	0.15	0.03	X	Trace	X	—		31
TOTAL	5.30	4.43	2.93	2.17	2.48	3.86	8.63	2.02	1.28	2.60	7.19	4.76	Year's Total 47.05	
* Days with .01 in. or more.	26	18	19	14	13	16	23	14	8	16	26	13	264	
* Days with .04 in. or more.	22	16	14	11	7	14	20	9	5	15	19	10	162	

† Spare column, no entries required.

(*Signed*) Andrew Barke

P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE File no 290457/33.

Section **A** **for the entry of Daily Observations** **Station No.** 3095/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN ~~193~~ 1940.

Kept at Greenfield, Sewage Disposal Works

in the County of West Riding of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 1 in.

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	**Jan.**	**Feb.**	**Mar.**	**April**	**May**	**June**	**July**	**Aug.**	**Sept.**	**Oct.**	**Nov.**	**Dec.**		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	0.05	—	0.11	—	—	—	—	0.06	—	0.33	0.24		**1**
2	—	—	—	0.23	—	—	0.05	—	—	—	0.29	0.23		**2**
3	—	—	—	0.16	—	—	0.21	—	—	0.12	0.02	0.20		**3**
4	—	0.16	—	0.05	—	—	0.09	—	—	0.21	0.19	0.28		**4**
5	0.03	—	—	—	0.14	—	0.21	—	—	0.13	0.05	0.37		**5**
6	0.04	0.35	—	—	—	—	0.27	—	—	0.64	0.03	0.21		**6**
7	0.12	0.15	—	0.23	0.11	—	0.23	0.22	0.16	0.02	—	—		**7**
8	—	—	Trace	0.11	—	—	0.04	0.05	—	0.15	—	0.30		**8**
9	—	—	0.27	—	—	—	0.49	0.46	0.39	0.31	1.19	0.38		**9**
10	—	—	0.05	—	—	—	0.41	0.25	—	0.11	0.53	0.75		**10**
11	—	0.07	0.05	0.06	—	—	0.29	—	0.05	—	1.33	—		**11**
12	—	Trace	0.66	0.01	—	—	0.19	Trace	0.67	—	0.44	—		**12**
13	—	0.01	0.14	0.01	—	—	—	0.06	0.38	—	—	—		**13**
14	—	0.01	0.02	0.19	0.20	—	—	0.20	0.13	—	—	0.48		**14**
15	—	—	0.05	0.13	0.08		—	—	0.03	—	0.12	0.05		**15**
16	0.06	0.04	0.11	0.09	—	—	0.50	—	1.44	0.36	0.40	0.07		**16**
17	—	—	0.83	—	0.06	—	1.15	—	0.38	—	0.67	—		**17**
18	0.05	0.13	0.23	1.01	—	—	0.04	0.37	0.34	0.01	0.06	0.34		**18**
19	—	0.21	0.23	0.05	—	—	0.34	—	0.36	—	0.22	0.02		**19**
20	—	Trace	0.02	0.21	—	0.02	0.57	0.69	0.05	0.29	0.13	—		**20**
21	0.02	—	0.18	—	—	0.48	0.14	—	—	—	0.73	—		**21**
22	—	0.09	0.03	—	0.09	0.05	—	0.08	0.22	Trace	—	—		**22**
23	—	0.35	0.01	0.09	Trace	—	0.04	—	0.11	0.02	0.15	0.02		**23**
24	0.48	0.01	—	0.04	—	—	—	—	—	—	—	0.07		**24**
25	—	—	—	—	0.01	0.01	—	—	—	0.07	—	—		**25**
26	0.45	0.07	—	—	0.03	0.11	0.15	—	—	—	0.03	—		**26**
27	0.18	0.29	—	—	—	—	0.48	—	—	—	0.09	—		**27**
28	0.03	0.42	—	0.17	0.05	—	—	0.14	—	—	—	—		**28**
29	—	—	0.25	—	0.33	0.31	0.05	—	—	—	—	0.72		**29**
30	0.07	✕	—	0.09	—	—	—	—	—	0.29	—	0.35		**30**
31	0.06	✕	0.26	✕	0.02	✕	—	0.10	✕	0.80	✕	0.13		**31**
TOTAL	1.59	2.41	3.39	3.04	1.12	0.98	5.94	2.62	4.77	3.53	7.00	5.21	Year's Total 41.60	
* Days with .01 in. or more.	12	16	17	19	11	6	21	11	15	15	20	19	182	
* Days with .04 in. or more.	9	13	13	17	8	4	21	11	14	12	17	17	156	

.79

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Andrew Barker

[P.T.O.

3096

Section **A** for the entry of Da

AIR MINISTRY.—

COPY FOR OFFICIAL USE.

FALL ORGANIZATION.

FORM 1090.

REGISTE

931.

Kept at Yeoman Hey Resr.

in the County of YORK.

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

,, Ground ,, Sea Level

YEOMAN — HEY RES

YORKS W.R. CENTRAL

1931 — 40

3096 – 559630

780506

THE MORNING MEASURE

DAY.

An observer who does not conform to this … *the following*
year in the space on the right of this p

Ple

Jan. 1, following

Date	Jan.	Feb.	March	Ap						Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in						in.	in.	in.	
1	·13	-	·03	·3						12	·03	-	1
2	-	·13	-	·7						01	·04	·04	2
3	-	-	-	·0						02	1·10	·54	3
4	-	·05	-	·7						05	·04	·30	4
5	-	·13	-	-						-	-	·28	5
6	-	·33	·02	-						77	·20	·01	6
7	-	-	·03	-						-	·05	-	7
8	-	·26	·05	·2						·13	·43	·03	8
9	-	·77	·14	·3						-	·34	·17	9
10	·14	·20	·08	-	·30	·25	-	·31	·11	-	·31	-	10
11	·72	·64	-	·04	-	·05	·07	·04	·39	-	·48	·01	11
12	·11	·34	-	-	-	·03	·70	·02	·07	·36	·21	-	12
13	-	-	·15	-	·03	-	·23	·05	-	-	-	-	13
14	·32	·18	-	·01	·19	·92	-	·74	·02	-	·43	·01	14
15	·61	·32.	-	·15	·11	·02	·11	·26	·01	-	·02	·19	15
16	·70	·11	-	·45	·34	·77	·13	1·58	·37	-	-	-	16
17	·04	·57	-	·57	·04	·10	·66	1·42	·03	-	·09	-	17
18	·53	·10	-	·65	-	·67	·64	·26	·02	·01	1·34	-	18
19	·17	·27	-	·19	-	·04	-	·66	·05	·04	-	-	19
20	·07	·20	·04	·15	-	·02	-	·33	-	-	·08	-	20
21	·63	·09	-	-	·28	·31	-	·35	-	-	·05	-	21
22	·07	·19	-	·08	·09	·08	-	-	·02	-	·04	-	22
23	·73	·02	·05	·31	·26	·34	·63	-	-	-	·59	·22	23
24	·06	·44	-	·15	·65	-	·09	-	-	-	·02	·10	24
25	·10	1·17	-	·48	·19	-	·04	-	-	-	·12	·20	25
26	-	·16	-	·17	-	-	-	-	-	-	·69	·04	26
27	·63	·10	-	·02	·10	-	·29	-	-	·45	·89	·14	27
28	·59	·28	-	·09	·17	-	·27	-	-	-	-	·04	28
29	·40	X	-	-	·14	-	·21	-	-	·75	·04	-	29
30	-	X	-	·11	-	-	·03	-	·09	-	-	-	30
31	·16	X	-	X	·02	X	-	-	X	·03	X	·18	31
TOTAL	6·91	7·05	0·59	6·10	3·12	7·20	5·39	8·38	6·08	2·74	7·63	2·50	YEAR'S TOTAL 63·69
*Days with ·01 in. or more.	20	24	9	22	17	21	20	17	19	12	24	17	222
*Days with ·04 in. or more.	20	23	6	20	14	16	19	16	14	8	21	13	190

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) M. J. B. Whitson B.Sc. A.M. Inst C.E. [P.T.O.

JWH

3096

Section **A** for the entry of Da

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Yeoman Hey Resr. Greenfield

in the County of YORK.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 759 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13	–	·03	·35	–	·69	–	–	·08	·12	·03	–	1
2	–	·13	–	·76	·03	·91	–	–	·64	·01	·04	·04	2
3	–	–	–	·09	–	·02	·33	–	1·27	·02	1·10	·54	3
4	–	·05	–	·74	–	–	·14	–	2·62	·05	·04	·30	4
5	–	·13	–	–	·18	·95	·04	·47	·09	–	–	·28	5
6	–	·33	·02	–	–	·30	·40	·06	·11	·77	·20	·01	6
7	–	–	·03	–	–	·45	·04	·75	–	–	·05	–	7
8	–	·26	·05	·20	–	·02	·34	·55	·05	·13	·43	·03	8
9	–	·77	·14	·34	–	·26	–	·53	·04	–	·34	·17	9
10	·14	·20	·08	–	·30	·25	–	·31	·11	–	·31	–	10
11	·72	·64	–	·04	–	·05	·07	·04	·39	–	·48	·01	11
12	·11	·34	–	–	–	·03	·70	·02	·07	·36	·21	–	12
13	–	–	·15	–	·03	–	·23	·05	–	–	–	–	13
14	·32	·18	–	·01	·19	·92	–	·74	·02	–	·43	·01	14
15	·61	·32.	–	·15	·11	·02	·11	·26	·01	–	·02	·19	15
16	·70	·11	–	·45	·34	·77	·13	1·58	·37	–	–	–	16
17	·04	·57	–	·57	·04	·10	·66	1·42	·03	–	·09	–	17
18	·53	·10	–	·65	–	·67	·64	·26	·02	·01	1·34	–	18
19	·17	·27	–	·19	–	·04	–	·66	·05	·04	–	–	19
20	·07	·20	·04	·15	–	·02	–	·33	–	–	·08	–	20
21	·63	·09	–	–	·28	·31	–	·35	–	–	·05	–	21
22	·07	·19	–	·08	·09	·08	–	–	·02	–	·04	–	22
23	·73	·02	·05	·31	·26	·34	·63	–	–	–	·59	·22	23
24	·06	·44	–	·15	·65	–	·09	–	–	–	·02	·10	24
25	·10	1·17	–	·48	·19	–	·04	–	–	–	·12	·20	25
26	–	·16	–	·17	–	–	–	–	–	–	·69	·04	26
27	·63	·10	–	·02	·10	–	·29	–	–	·45	·89	·14	27
28	·59	·28	–	·09	·17	–	·27	–	–	–	–	·04	28
29	·40	×	–	–	·14	–	·21	–	–	·75	·04	–	29
30	–	×	–	·11	–	–	·03	–	·09	–	–	–	30
31	·16	×	–	×	·02	×	–	–	×	·03	×	·18	31
TOTAL	6·91	7·05	0·59	6·10	3·12	7·20	5·39	8·38	6·08	2·74	7·63	2·50	YEAR'S TOTAL 63·69
*Days with ·01 in. or more.	20	24	9	22	17	21	20	17	19	12	24	17	222
*Days with ·04 in. or more.	20	23	6	20	14	16	19	16	14	8	21	13	190

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) M. T. B. Whitson B.Sc. A.M. Inst C.E.

JWH

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Yeoman Hey Reservoir Greenfield

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft – in.

,, Ground ,, Sea Level 759 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·44	·04	–	·30	·59	–	·21	·05	·70	·64	·14	·05	1
2	1·09	–	–	–	·47	–	·05	·05	1·45	·34	·14	·41	2
3	·04	–	–	–	·02	–	·41	–	·11	–	–	·19	3
4	·04	–	–	·16	–	–	–	–	·02	·04	·25	·04	4
5	1·12	–	·20	·37	·01	–	·01	·08	·14	–	–	–	5
6	·93	–	·17	·64	·10	–	·25	–	·34	–	–	–	6
7	·04	–	·69	·20	–	–	–	–	·64	·20	–	–	7
8	–	·04	–	·20	–	–	–	–	·16	·78	–	–	8
9	·16	·04	·04	·67	·01	–	–	–	·03	–	–	·08	9
10	·34	·03	–	·10	–	–	–	–	·76	·63	–	·15	10
11	·08	·05	·02	·03	·55	–	1·15	–	·05	·03	·08	–	11
12	·29	–	–	·09	·37	·02	·14	·04	·02	·69	–	–	12
13	·02	·16	–	·12	·09	–	·62	–	·36	·55	·04	·24	13
14	·05	–	–	·14	–	–	·06	·05	·03	·12	·31	·05	14
15	–	–	–	·02	·44	–	–	–	–	·16	·10	·09	15
16	·24	–	–	·30	·02	–	·06	·04	–	·15	–	·10	16
17	–	–	–	–	–	–	·08	·05	·08	·63	–	–	17
18	–	–	–	·02	·06	–	·01	–	–	·02	–	–	18
19	–	–	–	·25	–	–	–	–	–	·30	·03	–	19
20	–	–	–	·21	·46	–	·16	·42	–	·17	·01	–	20
21	·04	–	·37	·04	·59	–	·05	·73	–	·48	·14	·04	21
22	·03	–	·18	·15	·25	–	·04	–	–	·05	1·00	·08	22
23	–	·03	–	·09	·63	–	·15	–	–	·10	·12	–	23
24	·03	·02	–	·11	·02	·11	·44	–	·42	·01	·24	–	24
25	–	·14	–	·09	·04	·05	·11	–	·20	·92	·21	–	25
26	–	·02	–	·27	·45	·02	·37	–	·14	·60	·25	–	26
27	–	–	·48	·33	·39	·12	·42	–	–	·12	·10	·21	27
28	–	·02	·28	·08	·15	–	·28	–	–	–	–	·11	28
29	·10	–	·47	·13	·04	·12	·30	·41	·10	1·01	·16	·20	29
30	–	×	·07	·03	–	·30	·18	·13	·05	·10	·30	·09	30
31	–	×	·22	×	–	×	·17	–	×	–	×	·21	31
TOTAL	5·08	·59	3·19	5·14	5·75	·74	5·82	2·05	5·80	8·84	3·62	2·34	YEAR'S TOTAL 48·86
*Days with ·01 in. or more.	18	11	12	27	22	7	24	11	20	25	18	17	212
*Days with .04 in. or more.	15	6	11	23	17	5	22	11	16	22	16	17	181

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*) M. J. B. Whitson

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Greenfield (Yeoman Hey)

in the County of Yorkshire (W. Riding)

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	–	·82	–	–	–	–	–	–	–	– –	·46	–	1
2	·37	–	·23	·28	–	·10	–	·14	–	– –	·04	–	2
3	·03	·50	·30	–	·31	–	–	–	–	– –	·04	–	3
4	·20	·10	·36	–	·24	–	–	·16	–	·02 ·02	–	–	4
5	·26	·51	·07	–	·08	–	–	–	–	– –	·04	–	5
6	·09	·18	–	–	·19	–	–	–	–	– –	·01	·12	6
7	·11	·40	·16	–	·12	–	–	·04	–	1·09 1·14	–	·08	7
8	·26	·15	·11	–	·12	–	·12	–	–	– –	–	–	8
9	–	·40	–	·05	·13	–	·68	·08	–	·81 ·59	·15	–	9
10	·13	·14	–	·22	–	·10	–	–	–	·68 ·89	·14	–	10
11	–	–	–	–	–	–	1·06	–	–	·21 ·43	–	–	11
12	–	–	–	–	–	·24	·21	–	–	·07 ·12	–	–	12
13	·02	–	·02	–	·24	·04	·34	–	·15	·25 ·21	·14	·05	13
14	·33	–	·03	–	·12	–	·10	–	–	·03 ·01	·14	–	14
15	·65	–	–	–	–	–	·03	·28	–	·29 ·46	·97	·10	15
16	·15	·02	·16	–	·06	·56	·03	–	–	·15 ·14	·04	–	16
17	·05	–	1·23	–	–	·95	–	·32	·06	– –	·46	–	17
18	–	·10	·39	–	–	·85	–	–	–	– –	·06	–	18
19	–	·07	·58	–	–	–	·15	·04	·08	– –	–	–	19
20	–	·08	–	–	–	·02	–	·24	·04	– ·01	·03	–	20
21	–	·04	–	–	–	–	–	·23	–	– –	–	–	21
22	–	–	–	–	–	·32	–	·13	–	·12 ·08	–	–	22
23	–	·08	–	·41	–	–	–	·04	·08	·94 ·02	–	–	23
24	–	·15	–	·20	·15	·40	–	–	1·30	– –	·05	–	24
25	–	·50	–	·21	–	–	–	–	·60	– –	·05	·07	25
26	–	1·35	–	·65	–	–	–	–	–	·33 ·29	·04	–	26
27	–	–	–	·03	·21	–	–	–	·04	·05 ·02	–	–	27
28	–	–	–	·01	–	–	–	–	–	·17 ·12	–	–	28
29	–	×	–	·25	–	–	·05	–	–	·07 ·04	–	·09	29
30	·01	×	·04	–	–	–	·37	–	–	·33 ·26	–	·27	30
31	·40	×	·11	×	–	×	·31	·11	×	·16 ·22	×	–	31
TOTAL	3·06	5·59	3·79	2·31	1·97	3·58	3·45	1·81	2·35	~~4·89~~ 5·12	2·86	·78	YEAR'S TOTAL 36·67
*Days with ·01 in. or more.	15	18	14	10	12	10	12	12	8	~~18~~ 19	17	7	154
*Days with .04 in. or more.	12	17	12	8	12	9	10	12	8	~~16~~ 16	15	7	136

40-9999

*See Instruction 2 (*f*) on other side,

(Signed) N. T. Coleton

P.T.O.

X Please note figures in red are correct readings. Mistake in entering up figures from book

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations. **Station No.** 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1099

REGISTER OF RAINFALL IN 1933.

Kept at Greenfield, Yeoman Hey

in the County of W. R. Yorkshire H

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

Please note.
Figures in red have been corrected by Observer.

Dup

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1											·46			1
2				·28		·10		·14			·04			2
3					·31						·04			3
4					·24			·16		·02				4
5					·08						·04			5
6					·19						·01	·12		6
7					·12			·04		1·14 ~~1·09~~		·08		7
8					·12		·12							8
9				·05	·13		·68	·08		·59 ~~·81~~	·15			9
10				·22		·10				·89 ~~·68~~	·14			10
11							1·06			·43 ~~·21~~				11
12						·24	·21			·12 ~~·07~~				12
13					·24	·04	·34		·15	·26 ~~·25~~	·14	·05		13
14					·12		·10			·01 ~~·03~~	·14			14
15							·03	·28		·46 ~~·29~~	97	·10		15
16					·06	·56	·03			·14 ~~·15~~	·04			16
17						·95		·32	·06		·46			17
18						·85					·06			18
19							·15	·04	·08					19
20						·02		·24	·04	·01	·03			20
21								·23						21
22						·32		·13		·08 ~~·12~~				22
23				·41				·04	·08	·02 ~~·04~~				23
24				·20	·15	·40			1·30		·05			24
25				·21					·60		·05	·07		25
26				·65						·29 ~~·33~~	·04			26
27				·03	·21				·04	·02 ~~·05~~				27
28				·01						·12 ~~·17~~				28
29				·25			·05			·04 ~~·07~~		·09		29
30		×					·37			·26 ~~·33~~		·27		30
31		×		×		×	·31	·11	×	·22 ~~·16~~	×			31
TOTAL				2·31	1·97	3·58	3·45	1·81	2·35	5·12 ~~4·87~~	2·86	·78	Year's Total	
*Days with ·01 in. or more.														
*Days with .04 in. or more.														

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) ....

[P. T. O.

Circ. D.1. sent 14.1.35.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. **Station No.** 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Greenfield, Yeoman Hey

in the County of W. R. Yorks.

not found

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·19	–	·04	–	–	–	–	·15	–	·13	·04	·63	1
2	–	–	·10	–	–	–	–	·52	·05	–	·23	·60	2
3	·10	·03	–	–	–	–	–	·04	–	·11	·05	·02	3
4	·19	–	·36	·14	·06	–	–	–	·14	·80	–	·92	4
5	–	·03	·09	·04	·23	–	–	·27	–	·36	·22	·13	5
6	–	–	·10	·04	·48	·08	–	·11	–	·21	–	·41	6
7	·41	·04	·18	–	·01	·10	–	–	–	·28	·21	·34	7
8	–	–	·05	–	·10	·34	–	·08	·03	·06	·75	·02	8
9	–	·05	·15	·13	–	–	–	·13	–	–	·92	·03	9
10	–	–	·36	·34	–	–	–	·32	–	·72	·06	–	10
11	·15	–	·11	·25	–	–	–	·30	–	·04	·06	·16	11
12	–	–	·07	·10	–	–	·77	·12	–	·05	–	·10	12
13	·28	–	–	–	·10	–	·15	·04	–	·30	–	·01	13
14	·18	–	·20	–	·06	·02	–	–	–	·58	·25	·04	14
15	·60	–	·42	–	·89	–	–	·20	·39	–	·05	·43	15
16	·41	–	·11	–	·26	–	–	–	–	–	·14	·05	16
17	·39	–	·39	–	·09	–	·23	–	·02	·10	–	·16	17
18	·13	–	·16	·07	·19	·15	–	·06	–	–	–	·20	18
19	–	–	·38	–	·07	·25	–	·03	·35	·17	–	·01	19
20	–	–	·06	·11	·17	·01	–	·02	·10	·17	–	–	20
21	–	–	·01	·02	·04	·62	–	·03	·10	·05	·01	–	21
22	·04	–	·06	–	·02	–	–	·17	·42	·22	·01	–	22
23	–	–	·13	·48	–	–	·48	–	–	·23	·10	·07	23
24	–	·13	·02	·17	–	·10	·06	–	·29	·05	–	–	24
25	·03	·06	–	·10	·05	–	·32	–	·18	·26	–	·28	25
26	·17	–	·06	·34	–	·05	·56	–	·31	·14	·13	·14	26
27	–	·06	–	·45	–	·26	·83	–	·05	·23	·05	·28	27
28	–	–	–	·25	–	·06	·31	·45	–	·47	–	·51	28
29	–	×	·02	–	–	–	·11	·28	·47	·10	–	·11	29
30	·11	×	–	–	–	–	·12	·08	·12	·35	–	·11	30
31	–	×	–	×	–	×	·16	–	×	·09	×	·28	31
TOTAL	3·38	·40 ✓	3·63 ✓	3·03 ✓	2·82	2·04 ✓	4·10 ✓	3·40 ✓	3·02 ✓	6·27 ✓	3·28 ✓	~~5·94~~ 6·04	YEAR'S TOTAL 41·31 ✓
*Days with ·01 in. or more.	15.	7.	24.	16	16	12	12	20	15	26	17	26	206
*Days with ·04 in. or more.	14.	5.	21.	15	14	10	12	17	13	26	15	21	183

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*See Instruction 2 (*f*) on other side.

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(*Signed*) ....

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Greenfield, Yeoman Hey

in the County of W. R. Yorks

Diameter of Funnel of Gauge .... in.

Height of top of Gauge above Ground .... ft .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·68	·34	·03	·03	-	-	·02	-	·06	·47	·07	·30		1
2	·02	·08	·03	7	-	·20	o	·03	·09	·36	·17	·45		2
3	·13	·59	·11	·10	-	·04	·66	·02	·10	-	·11	·16		3
4	-	·01	·01	-	-	·08	·09	-	·23	·46	-	·03		4
5	-	·49	·10	·25	-	·17	·04	-	·27	·03	·15	·12		5
6	·06	-	-	·08	-	·25	-	-	-	-	-	-		6
7	·03	-	-	·11	-	·17	-	-	-	·22	·34	·41		7
8	-	-	-	·16	-	·17	-	-	-	·14	·06	·42		8
9	-	-	·02	·24	-	·16	-	-	-	1·96	·12	-		9
10	-	·14	·02	·49	-	·03	-	-	-	·84	·03	-		10
11	·44	·14	-	-	-	·11	-	·03	-	·26	·10	·17		11
12	-	·19	-	-	-	·37	-	-	·13	-	·02	-		12
13	·10	·14	-	·02	·38	·10	-	-	·11	·10	-	-		13
14	-	-	-	·09	·16	·24	-	·02	·13	-	1·21	·17		14
15	-	1·51	-	·76	·06	-	·05	-	·28	·17	·14	·26		15
16	-	·36	·16	·32	·03	·20	·16	-	·52	·01	·52	-		16
17	-	·12	-	·44	·29	·23	·16	·01	·67	·07	·79	-		17
18	·05	-	-	·24	·02	·06	·15	-	·58	·52	·17	-		18
19	-	·02	-	·22	-	·29	·18	-	-	·21	·37	-		19
20	·01	·50	-	·30	-	·24	·26	-	-	-	·77	-		20
21	-	·40	·01	·02	-	-	-	·08	·60	·20	·21	·14		21
22	·02	·09	·19	-	-	-	-	-	·04	-	·08	-		22
23	·03	-	1·29	·01	-	-	-	·42	·07	·21	-	-		23
24	·58	·66	·02	-	-	-	-	-	1·22	·02	-	·18		24
25	·16	·14	·45	-	-	·11	-	-	-	-	·16	·05		25
26	-	·01	-	-	-	-	·08	1·00	·45	·72	·15	·29		26
27	-	·07	-	-	-	·17	·57	-	·46	1·25	·49	·14		27
28	-	·02	-	-	-	-	-	·46	·15	·90	·12	-		28
29	·09	X	·03	-	-	-	-	·02	·35	·55	·13	·07		29
30	·14	X	-	-	-	·16	-	·11	·25	·49	·77	·03		30
31	·04	X	·03	X	-	X	-	-	X	·59	X	·24		31
TOTAL	2·58	6·02	2·50	3·88	·94	3·55	2·42	2·20	6·76	10·75	7·25	3·63	Year's Total 52·48	
*Days with ·01 in. or more.	16	21	15	18	6	21	12	11	21	24	25	18	208	
*Days with .04 in. or more.	11	17	6	14	4	20	11	5	21	21	23	16	169	

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*See Instruction 2 (f) on other side.

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† Spare column, no entries required.

(Signed) ....

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COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Greenfield, Yeoman Hey

in the County of W. R. Yorks.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·03	·14	·10	·59	–	·01	–	·42	·08	–	·29	·36		1
2	–	·06	·08	·06	–	·99	·40	·23	–	–	·03	·31		2
3	·10	–	–	–	–	·65	·07	·20	·99	–	–	·18		3
4	·26	·09	·21	–	–	·05	·01	·09	·80	–	·30	·41		4
5	·09	·05	·60	–	·01	–	–	·29	·73	·05	–	·36		5
6	·10	–	·20	–	–	·05	·22	·57	·72	–	·13	–		6
7	·03	–	·15	–	–	–	·31	–	1·26	–	·10	·21		7
8	·27	–	·20	–	–	–	–	–	·01	·03	·63	·11		8
9	·19	–	·05	–	–	–	·01	–	·19	·12	1·53	–		9
10	·13	–	–	–	–	–	·57	–	–	–	·79	–		10
11	–	–	–	·04	–	·14	·81	·07	·03	–	·51	–		11
12	–	–	–	·42	·05	·56	·47	·05	·42	·10	·39	·03		12
13	·04	–	–	·12	–	·08	·16	–	–	·19	·03	·22		13
14	–	–	–	·14	–	·29	·05	·05	·54	·29	·32	·98		14
15	·15	–	·04	·23	–	·08	·10	·56	–	–	·57	·11		15
16	·05	·05	·01	·03	–	–	·06	–	·05	·03	·83	–		16
17	·17	·28	–	+	·04	–	·04	·07	–	·68	·11	·17		17
18	–	·10	–	·02	–	·13	·35	·07	–	1·05	·01	–		18
19	·30	·24	·01	·10	–	·12	·60	·57	–	·14	–	–		19
20	·35	·06	–	·01	–	–	·02	–	·04	·09	–	–		20
21	·30	–	·04	·12	–	·05	–	–	–	·14	–	–		21
22	·10	·54	·06	–	·03	1·18	·28	–	–	·02	–	·13		22
23	·32	·08	·29	·35	·18	·01	·46	–	–	·10	–	–		23
24	·13	·17	–	·07	·32	–	–	·05	·26	·48	–	·08		24
25	·11	–	·07	·10	–	–	·13	–	·55	·24	–	·06		25
26	·02	·40	·33	–	–	–	·03	–	·14	·69	–	–		26
27	·81	–	·02	–	–	–	–	–	·22	·41	–	–		27
28	·57	·78	·05	·01	–	–	·14	–	–	–	–	·16		28
29	·09	·42	·74	–	·40	·47	–	–	–	·12	·35	·20		29
30	·33	×	·01	–	·84	–	·35	–	–	1·06	·07	·08		30
31	·18	×	·06	×	–	×	·05	·10	×	–	×	·30		31
TOTAL	5·22	3·46	3·32	2·41	1·87	4·86	5·69	3·39	7·03	6·03	6·99	4·46	Year's Total. 54·73	
* Days with .01 in. or more.	26	15	21	16	8	16	24	15	17	19	18	19	214	
* Days with .04 in. or more.	23	15	17	12	6	14	20	15	15	16	15	18	186	

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*).......... [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Greenfield, Yeoman Hey

in the County of W. R. Yorks.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·09	·37	·07	–	–	–	·03	–	·35	–	·03	·19		1
2	·49	·44	·23	·14	–	–	–	–	·02	–	–	·53		2
3	–	·16	·04	·11	·06	·63	·02	–	–	–	–	·05		3
4	·37	–	·13	·06	·16	–	·12	–	–	–	–	·52		4
5	1·26	–	·13	–	·01	–	·01	–	–	–	–	·07		5
6	·11	–	·06	·12	·09	–	·09	·29	–	–	·03	·26		6
7	·07	·50	·02	·62	·13	·11	·39	–	·15	–	·02	·12		7
8	–	·60	–	·04	–	·08	·12	–	–	–	·08	·06		8
9	–	·33	·06	·02	·19	–	·43	·15	–	–	–	·01		9
10	·09	·23	·04	–	·02	·04	·03	–	–	·04	–	·45		10
11	–	–	Snow 1·07	–	·56	–	·01	–	–	–	·02	·07		11
12	·09	·43	·13	–	·19	·06	·09	·02	·24	–	–	·35		12
13	–	·07	·03	–	(·02) ~~[illegible]~~	·57	–	·04	·01	·04	–	·24		13
14	–	·20	·20	–	–	–	–	·30	·15	·01	–	·21		14
15	·34	·36	–	·39	–	–	·67	–	·07	–	–	·19		15
16	·09	·59	·16	·33	·53	·01	–	·17	·21	–	–	–		16
17	·03	·07	·54	·56	–	·10	–	·02	·50	–	–	–		17
18	·96	·31	·39	·15	–	–	·05	·14	·38	–	·49	–		18
19	·08	·35	·04	·33	·02	·17	·10	·06	·01	–	·77	–		19
20	·07	·31	–	·25	·56	·22	–	–	–	–	–	·10		20
21	·03	·11	·07	·15	·02	–	·32	–	–	–	–	·11		21
22	·05	·01	·39	·11	·06	–	·26	–	–	·36	·22	·11		22
23	·04	–	·03	–	·18	–	·23	–	–	·81	·44	·01		23
24	·17	·40	·19	–	·02	–	·21	–	·21	·13	–	·06		24
25	·01	·51	–	–	–	–	·02	·03	–	·40	–	·02		25
26	–	·54	·17	–	·61	–	–	·04	·05	–	–	·05		26
27	–	Snow ·98	·01	·20	–	–	–	–	–	·75	·01	·01		27
28	–	Snow ·38	–	–	–	·06	–	–	–	·15	–	–		28
29	·03	✕	–	–	–	·03	–	–	–	·04	·18	·05		29
30	·18	✕	–	–	–	·35	–	·22	–	·19	·60	·10		30
31	·40	✕	–	✕	–	✕	–	·02	✕	·11	✕	–		31
TOTAL	5·05	8·25	4·20	3·58	3·43	2·43	3·20	1·50	2·35	3·00	2·89	3·94	Year's Total 43·82	✓
* Days with .01 in. or more.	22	23	23	16	18	13	19	13	13	12	12	25	209	✓
* Days with .04 in. or more.	18	22	19	15	12	11	13	9	10	10	7	21	167	✓

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Sec **A** for the entry of Daily Observations

Station No. 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Greenfield, Yeoman Hey

in the County of W. R. Yorks

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·03	–	·08	·02	·56	·21	·29	–	·09	·30	·37		1
2	·20	·11	–	·54	·21	·64	·06	–	–	·99	·02	·24		2
3	·04	–	–	–	–	·04	·10	–	·24	1·43	·37	·01		3
4	·10	–	–	·11	–	·03	·26	·40	–	·29	·45	·96		4
5	·03	·04	–	·06	–	·04	·16	·02	·05	·91	·02	·06		5
6	·22	·01	–	–	–	·05	·44	·13	·03	·39	–	·01		6
7	·26	–	–		–	–	·29	·04	·61	·11	–	–		7
8	·63	–	–	–	–	–	·55	–	–	·97	–	·20		8
9	·12	·56	·29	–	·01	·42	·28	·01	–	·14	–	·10		9
10	·02	·06	·03	–	–	·19	·81	–	–	·32	–	·06		10
11	·25	·09	–	–	–	·03	·38	·02	·13	·25	·08	·04		11
12	·14	–	–	–	·18	–	·02	·07	·02	1·46	·20	·02		12
13	·06	·05	–	–	·03	–	·05	·01	·22	·39	·16	·27		13
14	·23	·01	–	–	·11	–	·33	–	·11	·03	·01	·01		14
15	·48	–	–	–	·01	–	·20	·34	–	·13	–	·11		15
16	·84	–	·11	–	·11	–	·13	·34	–	·18	·05	·22		16
17	–	·02	–	–	·24	–	·15	·25	·14	·31	·03	–		17
18	·13	–	–	–	–	·13	–	·47	·07	·61	·36	–		18
19	·01	–	–	–	–	–	–	·40	·03	–	·01	·15		19
20	·22	–	·01	–	–	–	·04	·01	·04	–	·39	·10		20
21	–	–	·07	–	–	·01	–	·01	·01	–	·05	·13		21
22	–	·02	–	·02	–	·31	–	·04	·04	–	·42	·16		22
23	–	–	–	·01	·34	·55	–	–	·02	–	·64	–		23
24	·24	·10	·32	–	·08	·28	·05	·26	·05	·01	·31	·05		24
25	·14	·38	·04	–	–	·05	·15	·01	–	·41	1·03	–		25
26	·09	·46	·27	–	·05	·09	–	–	·10	·34	·14	·12		26
27	·46	·26	·02	–	·78	·69	·17	·32	–	·01	·54	–		27
28	·44	·14	·19	–	·31	·81	·18	·29	·14	·02	·03	·19		28
29	·14	X	·49	–	1·51	·18	·15	–	·01	·21	·09	·34		29
30	·30	X	–	–	·26	·05	–	–	·32	–	·09	·13		30
31	·26	X	·05	X	·40	X	–	–	X	·63	X	1·22		31
TOTAL	6·05	2·34	1·89	·82	4·65	5·15	5·16	3·73	2·38	10·63	5·79	5·27	Year's Total 53·8~~7~~6	
* Days with .01 in. or more.	26	16	12	6	17	20	23	21	20	25	24	25	235	
* Days with .04 in. or more.	23	11	9	4	14	17	22	14	14	21	18	21	188	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3096

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 1939.

Kept at Greenfield, Yeoman Hey

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Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft..........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·19	–	·13	·02	–	–	·09	·06	·01	·06	–	·71		1
2	·09	–	–	·16	–	–	·63	·41	·49	·05	·01	·10		2
3	·24	–	–	·20	–	–	–	·37	–	–	·06	1·05		3
4	·41	–	·33	·46	–	–	·60	·02	–	·16	·01	·98		4
5	–	–	–	·01	·30	–	·29	·05	–	·20	·53	·29		5
6	·75	·30	·01	·01	–	–	·41	–	–	·02	·15	–		6
7	·19	·25	·22	–	·01	–	·11	·01	–	–	·15	·33		7
8	·42	·16	·19	·04	–	–	1·12	·04	–	·02	·22	·49		8
9	·19	·73	–	–	–	–	·08	·49	–	·33	·03	·84		9
10	·27	·02	–	–	–	·30	–	·60	·54	·10	–	·04		10
11	·41	·04	·20	–	–	·18	–	·01	·06	·03	–	·02		11
12	·54	·24	–	–	–	·20	–	–	–	–	·02	·01		12
13	–	–	·03	·40	·16	·22	·06	–	·02	·22	·05	–		13
14	·61	–	·04	·15	·62	·37	·07	–	–	·23	·15	–		14
15	·14	·05	·04	·74	·30	1·17	·21	–	·09	·03	·12	–		15
16	·10	–	·08	·04	1·25	–	·02	–	·02	–	·12	–		16
17	·78	·38	·02	·02	·11	·09	–	–	–	·67	·10	–		17
18	·15	·29	·13	–	–	·40	·30	–	·02	·06	·93	–		18
19	·45	–	–	–	·01	·01	·48	–	·13	·03	–	·04		19
20	·01	–	·01	–	·01	·44	1·11	·23	·15	–	–	·01		20
21	·08	·04	·56	·21	·17	·16	·02	·01	·14	–	–	–		21
22	·17	·73	·21	·02	–	–	·09	–	·02	–	·68	–		22
23	·02	·67	·05	·38	–	·01	·35	–	–	·55	·24	–		23
24	·02	·09	·02	·15	–	·09	–	–	–	·04	·02	·02		24
25	·59	·31	·09	–	–	·01	–	–	–	–	1·98	–		25
26	·15	·09	·05	–	·01	–	–	–	–	·20	·38	·02		26
27	·11	1·00	·92	·01	–	·31	·12	·02	–	·35	·31	–		27
28	·08	·20	·54	·10	–	·22	·63	·04	–	–	·82	–		28
29	–	X	–	·02	–	–	1·49	–	–	·55	·44	–		29
30	–	X	–	–	–	·23	·32	–	–	–	·38	–		30
31	–	X	–	X	–	X	·42	–	X	·09	X	–		31
													Year's Total	
TOTAL	7·16	5·59	3·87	3·14	2·95	4·41	9·02	2·36	1·69	3·99	7·90	4·95	57·03	
* Days with .01 in. or more.	26	18	21	19	11	17	23	14	12	21	24	15	221	
* Days with .04 in. or more.	23	17	16	12	7	14	21	9	7	16	19	10	171	

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3096 ✓

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Greenfield, Yeoman Hey

in the County of W. R. Yorks.

Diameter of Funnel of Gauge.................in.

Height of top of Gauge above Ground.........ft.........in.

,, Ground ,, Sea Level ....ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	-	·16	-	·01	-	-	·12	-	·39	·24		1
2	-	-	-	·34	-	-	·11	-	-	-	·36	·16		2
3	·02	-	-	·16	-	-	·17	-	-	·08	·04	·23		3
4	-	·22	-	·13	-	-	·09	-	-	·18	·29	·31		4
5	-	-	-	-	·20	-	·24	-	·01	·48	·11	·56		5
6	·02	·62	-	-	·01	-	·11	-	-	·79	·09	·18		6
7	·14	+	-	·26	·14	-	·01	·20	·10	·04	-	-		7
8	-	-	·01	·05	-	-	·04	·07	-	·23	-	·36		8
9	-	-	·28	·01	-	-	·51	·42	·42	·42	1·61	·32		9
10	-	-	·04	-	-	-	·39	·38	·04	·12	·70	·77		10
11	-	-	·12	·08	-	-	·38	-	-	-	1·55	-		11
12	-	·48	·79	-	-	-	·22	-	·93	-	·63	-		12
13	-	·05	·33	·02	-	-	-	·08	·48	-	·01	-		13
14	-	·03	·12	·25	·22	-	-	·22	·22	·01	·07	·54		14
15	-	-	-	·16	·04	·01	-	-	·02	·07	·06	·07		15
16	·07	·12	·23	·12	-	-	·50	-	1·64	·69	·54	·10		16
17	·03	·04	·79	-	·01	-	1·53	-	·36	-	·95	-		17
18	-	·05	·31	1·44	-	-	·04	·49	·29	-	·17	·42		18
19	-	·10	·26	·09	-	-	·68	-	·28	·06	·24	·02		19
20	-	-	·02	·33	-	·01	·56	·78	·38	·16	·21	-		20
21	·04	-	·24	-	-	·52	·23	·05	·02	·12	1·52	·04		21
22	-	·08	·04	-	·12	·11	-	·09	·32	·04	-	-		22
23	-	·47	·03	·09	-	·01	·04	·04	·10	·08	·19	·04		23
24	-	·01	·02	·04	-	-	-	·01	-	·04	-	·02		24
25	-	-	·	-	·01	·13	·02	-	-	·07	-	-		25
26	1·04	·09	-	-	-	·01	·01	·01	-	-	·04	-		26
27	·50	·45	-	·18	-	-	·22	·02	-	-	·15	-		27
28	·08	·75	-	-	·06	-	-	·15	-	-	-	·10		28
29	-	·01	·33	-	·15	·31	·06	-	-	·02	-	·86		29
30	-	✕	-	·16	-	-	-	-	·04	·38	-	·59		30
31	·22	✕	·20	✕	·02	✕	-	·05	✕	1·02	✕	·28		31
TOTAL	2·16	3·57	4·16	4·07	·98	1·12	6·16	3·06	5·77	5·10	9·92	6·21	Year's Total 52·28	✓
* Days with .01 in. or more.	10	16	18	19	11	9	22	16	18	21	22	21	203	✓
* Days with .04 in. or more.	7	13	14	17	7	4	19	13	~~16~~ 15	19	21	19	168	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

3097

FORM 1090. **B** M
S

—

3097

GREENFIELD
ASHWAY MOSS
1931 —— 40

780506

** The following register of mon
&c., is NOT required if daily
values are given on the other

and also the space for

egister should be sent:—
ces
TON- U · LYNE

RAINFALL IN 193

At Ashway Moss.
GREENFI
In the County of York.

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level

in Summer 9am Greenwich
1 mile Direction from
150 yds gauge W.N.W.
1 mile Direction from
1570 yds gauge W. by S.

oor.

Directions from
gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		* or	
	Inches.	Inches.	Date.		
JAN.	6·27				
FEB.	6·65				
MAR.	0·30				
APRIL	5·24				
MAY	3·04				
JUNE	6·40				
JULY	4·76				
AUG.	7·42				
SEPT.	6·22				
OCT.	3·01				
NOV.	7·11				
DEC.	2·27				
Total	58·69				

Gauge read weekly
and at end of month

Signature M T B Whitson
JWth

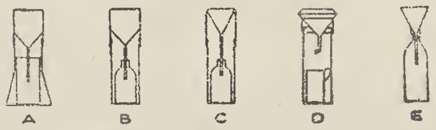
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** M S

3097

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Ashway Moss.

In the County of GREENFIELD. York.

Rain Gauge
Diameter of Funnel 5. in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1581 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·27	Gauge read weekly	and at end of month		
FEB.	6·65				
MAR.	0·30				
APRIL	5·24				
MAY	3·04				
JUNE	6·40				
JULY	4·76				
AUG.	7·42				
SEPT.	6·22				
OCT.	3·01				
NOV.	7·11				
DEC.	2·27				
Total	58·69				

Signature M T B. Whitson

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers, ASHTON-U-LYNE

Hour of observation by the clock—in Winter 9am in Summer 9am Greenwich

Nearest Railway Station Uppermill Distance 1 mile 150 yds Direction from gauge W.N.W.

Nearest Parish Church at St Chads Saddleworth Distance 1 mile 1570 yds Direction from gauge W. by S.

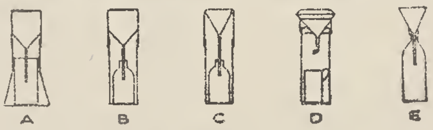
Nature of objects nearest to gauge				
Heights of objects	Open moor.			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090. **B** Monthly Summary.

3097

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Ashway Moss, Greenfield

In the County of York

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* — *in.*

Height of Ground above Sea Level 1581 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·37	Gauge read weekly	and at end of month		
FEB.	·54				
MAR.	3·04				
APRIL	4·12				
MAY	5·12				
JUNE	·61				
JULY	5·76				
AUG.	1·90				
SEPT.	5·46				
OCT.	8·32				
NOV.	3·17				
DEC.	1·91				
Total	45·32				

Signature M. Y. B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Waterworks Offices
Town Hall Chambers, Ashton under Lyne

Hour of observation by the clock—in Winter 9 a.m. Greenwich in Summer 9 a.m. Greenwich

Nearest Railway Station Uppermill Distance 1 mile 150 yds Direction from gauge W. N. W

Nearest Parish Church at St. Chads Saddleworth Distance 1 mile 1570 yds Direction from gauge W. by S.

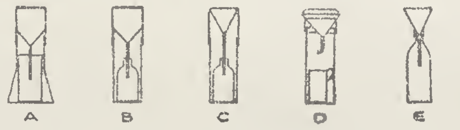
Nature of objects nearest to gauge				
Heights of objects	Open moor			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3097

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Ashway Moss

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* — *in.*
Height of Ground above Sea Level 1581 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·66	Gauge read weekly	and at end of month.		
FEB.	4·12				
MAR.	3·56				
APRIL	1·97				
MAY	1·89				
JUNE	3·44				
JULY	4·15				
AUG.	1·84				
SEPT.	2·62				
OCT.	5·64				
NOV.	2·94				
DEC.	·82				
Total	35·65				

Signature M. J. B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers Ashton-under-Lyne

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 1 mile 150 yds Direction from gauge W.N.W.

Nearest Parish Church at St. Chads Saddleworth Distance 1 mile 1570 yds Direction from gauge W by S

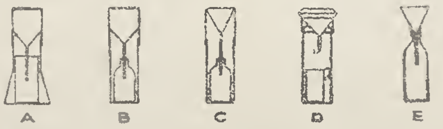
Nature of objects nearest to gauge				
Heights of objects				
Distances ..	Open moor.			
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

FORM 1090.

B Monthly Summary.

_ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Ashway Moss

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1581 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·26				
FEB.	·44				
MAR.	2·67				
APRIL	3·58				
MAY	2·70				
JUNE	2·14				
JULY	4·29				
AUG.	3·64				
SEPT.	3·80				
OCT.	5·17				
NOV.	3·72				
DEC.	5·79				
Total	41·20				

Gauge read weekly and at end of month

Signature M. T. B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

3097

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers, Ashton-u-Lyne

Hour of observation by the clock—in Winter 9 am. in Summer 9 am Greenwich

Nearest Railway Station Uppermill. Distance 1 mile 150 yds. Direction from gauge WNW.

Nearest Parish Church at St. Chads. Saddleworth. Distance 1 mile 570 yds. Direction from gauge W. by S.

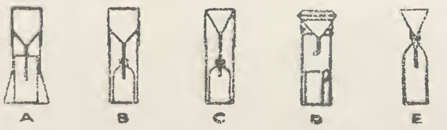
Nature of objects nearest to gauge				
Height of objects				
Distances ..	Open moor.			
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3097

FORM 1090.

B Monthly Summary.

. **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1935.

At Ashway Moss.

In the County of York.

Rain Gauge:
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 1581 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	1·70	Gauge read weekly	and at end of month		
FEB.	5·17				
MAR.	1·84				
APRIL	2·97				
MAY	·84				
JUNE	3·34				
JULY	2·02				
AUG.	1·99				
SEPT.	5·55				
OCT.	7·88				
NOV.	6·62				
DEC.	3·25				
TOTAL	43·17				

Signature M T B Whiteman p H

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Waterworks Offices

Town Hall Chambers Ashton u Lyne

Hour of observation by the clock—in Winter 9am ; in Summer 9am Greenwich

Nearest Railway Station Uppermill Distance 1 mile 150 yds. Direction from gauge W.N.W.

Nearest Parish Church at St Chads Saddleworth Distance 1 mile 1570 yds. Direction from gauge W by S.

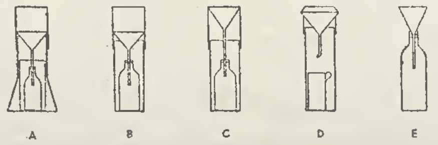
Nature of objects nearest to gauge				
Height of objects				
Distances ...		Open	moor	
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January* 1st *is the rainfall for the* 24 *hours following* 9 *a.m. on January* 1st*; it is therefore the amount measured on January* 2nd*.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005*; this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3097

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1936

At Ashway Moss Greenfield

In the County of York

Rain Gauge
- Diameter of Funnel.......................in.
- *Height of Top above Ground.........ft.............in.*
- *Height of Ground above Sea Level................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·48				
FEB.	3·00	This Gauge read weekly and at end of month			
MAR.	2·77				
APRIL	2·78				
MAY	1·92				
JUNE	5·05				
JULY	5·74				
AUG.	3·38				
SEPT.	7·07				
OCT.	5·94				
NOV.	6·75				
DEC.	4·49				
TOTAL	53·37				

Signature M T L Whitson

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer..................

Nearest Railway Station.............................. Distance.............. Direction from gauge...........

Nearest Parish Church at.............................. Distance.............. Direction from gauge...........

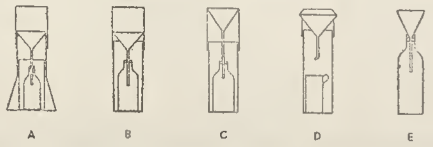
Nature of objects nearest to gauge				
Height of objects				
Distances ...	as last year			
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91. S.O. Code No. 40-9999

3097

Form 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Ashwaymoss Greenfield

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel 5' in.
- *Height of Top above Ground* .... *ft.* .... *in.*
- *Height of Ground above Sea Level* 1581 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	5·56				
Feb.	8·89				
Mar.	4·35				
April	4·02				
May	3·55				
June	2·52				
July	3·70				
Aug.	1·71				
Sept.	2·78				
Oct.	3·56				
Nov.	3·26				
Dec.	4·05				
Total	47·95				

Signature M. T. B.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

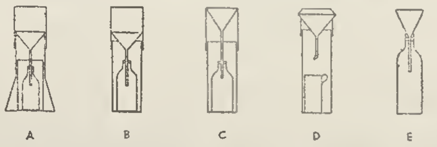
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
22 JAN. 1938

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
   (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
   (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

3097

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193.8.

At Ashway Moss Gfd

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1581 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·44				
FEB.	2·51				
MAR.	2·00				
APRIL	·81				
MAY	4·98				
JUNE	5·49				
JULY	5·71				
AUG.	4·24				
SEPT.	2·79				
OCT.	10·46				
NOV.	5·81				
DEC.	5·05				
TOTAL	56·29	✓			

Gauge read weekly

And at end of month

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.................... in Summer....................

Nearest Railway Station.................... Distance.................... Direction from gauge....................

Nearest Parish Church at.................... Distance.................... Direction from gauge....................

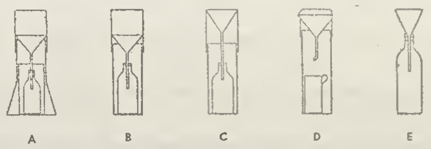
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................... Distance.................... Direction....................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c|c} 17 & \\ 18 & \end{array}\right\} \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

Form 1090. 3097

B Monthly Summary.

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1939.

At Ashway Moss

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1581 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	7·27	Gauge read weekly	and at end of month		
Feb.	5·70				
Mar.	4·06				
April	2·79				
May	2·82				
June	3·98				
July	9·03				
Aug.	2·03				
Sept.	1·66				
Oct.	4·06				
Nov.	8·58				
Dec.	5·17				
Total	57·15				

Signature Geo B Whitson per H

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers Ashton u-Lyne

Hour of observation by the clock—in Winter 9am in Summer 9am Greenwich

Nearest Railway Station Uppermill Distance 1 mile 150 yds Direction from gauge WNW

Nearest Parish Church at St Chads Saddleworth Distance 1 mile 1570 yds Direction from gauge W by S.

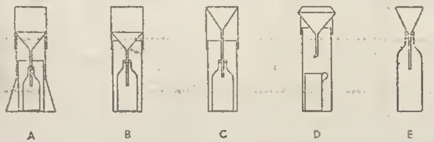
Nature of objects nearest to gauge				
Height of objects	Open moor			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B):

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this* ·005 *mark or between this* ·005 *and the* ·01 *mark are to be entered as* ·01 *even though they may be nearer to the* ·005 *mark than the* ·01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3097

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Ashway Moss.

In the County of York.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1581 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·33				
FEB.	3·69	Gauge read weekly	and at end of month		
MAR.	4·62				
APRIL	4·06				
MAY	1·60				
JUNE	1·10				
JULY	6·27				
AUG.	3·17				
SEPT.	5·72				
OCT.	5·63				
NOV.	10·70				
DEC.	6·66				
TOTAL	55·55				

Signature M. T. B. Whitton.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

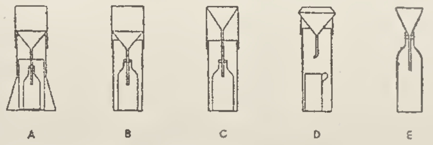
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M. O.
20 JAN
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

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3098

FORM 1090. **B** M
S

3098

GREENFIELD
BIRCHIN CLOUGH
1931 —— 40

780506

*** **The following register of mont**
&c., is NOT required if daily
values are given on the other s

and also the space for

egister should be sent:—
es
TON-U. LYNE

RAINFALL IN 193

At Birchin Clough Greenfield.
In the County of YORK
Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 1

in Summer Gam Greenwich
miles Direction from 530 yds gauge
mile Direction from 1340 yds gauge

ep valley.

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		N D ·0 or		
	Inches.	Inches.	Date.			
JAN.	7·74					
FEB.	7·52					
MAR.	0·43					
APRIL	5·85					
MAY	3·10					
JUNE	7·23					
JULY	5·31					
AUG.	8·17					
SEPT.	6·00					
OCT.	3·08					
NOV.	8·01					
DEC.	2·72					
Total	65·16					

Gauge read weekly and at end of month.

Signature M T B Whitson

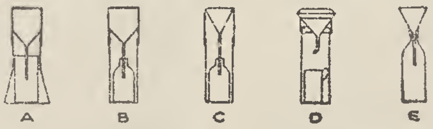
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B Monthly Summary.

3098

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Birchin Clough Greenfield.

In the County of YORK.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 1018 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·74	Gauge read weekly and	at end of month		
FEB.	7·52				
MAR.	0·43				
APRIL	5·85				
MAY	3·10				
JUNE	7·23				
JULY	5·31				
AUG.	8·17				
SEPT.	6·00				
OCT.	3·08				
NOV.	8·01				
DEC.	2·72				
Total	65·16				

Signature m T B Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Waterworks Offices
Town Hall Chambers, ASHTON-U-LYNE

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 2 miles 530 yds Direction from gauge

Nearest Parish Church at St. Chads Saddleworth Distance 1 mile 1340 yds Direction from gauge

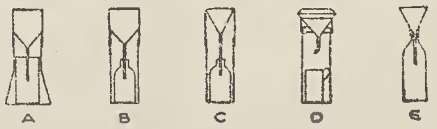
Nature of objects nearest to gauge				
Heights of objects	Open in deep valley.			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3098

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Birchin Clough Greenfield

In the County of York

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft* .... *in*.
Height of Ground above Sea Level .... *ft*.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·76	This gauge read	weekly and end of month		
FEB.	·57				
MAR.	3·41				
APRIL	4·85				
MAY	5·39				
JUNE	·73				
JULY	6·26				
AUG.	2·53				
SEPT.	5·90				
OCT.	9·10				
NOV.	~~3·17~~ 4·05				
DEC.	2·62				
Total	51·17				

Signature M. T. B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers Ashton under Lyne

Hour of observation by the clock—in Winter 9 am Greenwich in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 2 miles 550 yds Direction from gauge ....

Nearest Parish Church at St. Chad's Saddleworth Distance 1 mile 1340 yds Direction from gauge ....

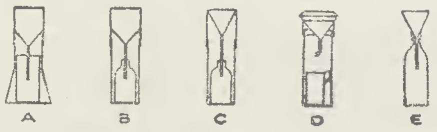
Nature of objects nearest to gauge				
Heights of objects				
Distances ..	Open in deep valley			
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3098

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Birchin Clough

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 1018 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·51	Gauge read weekly	and at end of months		
FEB.	5·34				
MAR.	3·90				
APRIL	2·36				
MAY	1·77				
JUNE	3·96				
JULY	4·65				
AUG.	1·91				
SEPT.	2·55				
OCT.	5·53				
NOV.	3·01				
DEC.	·83				
Total	39·32 ✓				

Signature W G B Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers Ashton under Lyne

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m Greenwich

Nearest Railway Station Uppermill Distance 2 miles 530 yds Direction from gauge —

Nearest Parish Church at St. Chads Saddleworth Distance 1 mile 1340 yds Direction from gauge —

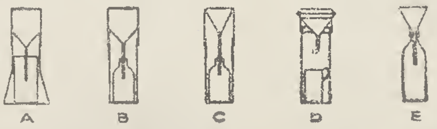
Nature of objects nearest to gauge				
Heights of objects				
Distances ..	Open	in deep	valley	
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

3098

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Birchin Clough, Greenfield

In the County of York

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* — *in.*

Height of Ground above Sea Level 1018 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·95	Gauge read weekly		and at end of month	
FEB.	·41				
MAR.	3·58				
APRIL	3·75				
MAY	3·40				
JUNE	2·43				
JULY	5·14				
AUG.	3·81				
SEPT.	4·16				
OCT.	6·31				
NOV.	3·18				
DEC.	6·07				
Total	46·19				

Signature M. T. B. Whitson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Waterworks Offices
Town Hall Chambers, Ashton-u-Lyne

Hour of observation by the clock—in Winter 9 am. in Summer 9 am Greenwich

Nearest Railway Station Uppermill. Distance 2 miles 580 yds. Direction from gauge

Nearest Parish Church at St Chads Saddleworth. Distance 1 mile 1340 yds. Direction from gauge

Nature of objects nearest to gauge				
Height of objects				
Distances	Open in deep valley			
Directions from gauge				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

M.O. JAN 1935

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3098

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Birchen Clough

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1018 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·98	This Gauge read monthly	and at end of month		
FEB.	5·52				
MAR.	2·37				
APRIL	3·31				
MAY	·99				
JUNE	3·42				
JULY	2·76				
AUG.	2·06				
SEPT.	6·52				
OCT.	10·86				
NOV.	7·59				
DEC.	3·84				
TOTAL	52·22				

Signature Mr T. B. Whitham /pH

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Waterworks Offices
Town Hall Chambers Ashton-under-Lyne

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 2 miles 570 yds Direction from gauge

Nearest Parish Church at St Chads Saddleworth Distance 1 mile 1340 yds Direction from gauge

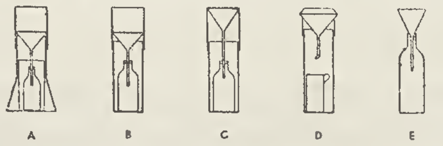
Nature of objects nearest to gauge				
Height of objects				
Distances ...	Open in deep valley			
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3098

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Birchin Clough

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground*......*ft*......*in.*
- *Height of Ground above Sea Level* 1018 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·66				
FEB.	3·82				
MAR.	3·37				
APRIL	2·80				
MAY	2·15				
JUNE	5·26				
JULY	5·62				
AUG.	3·67				
SEPT.	7·33				
OCT.	6·10				
NOV.	6·92				
DEC.	4·81				
TOTAL	56·51				

This Gauge read weekly and at end of month.

Signature

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter...............in Summer...............

Nearest Railway Station............... Distance............... Direction from gauge...............

Nearest Parish Church at............... Distance............... Direction from gauge...............

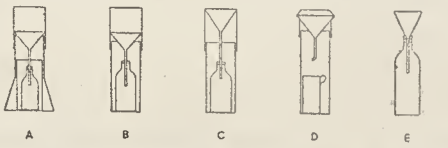
Nature of objects nearest to gauge	as last year			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move............... Distance............... Direction...............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

3098.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Birchin Clough Greenfield

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* .... *ft.* .... *in.*
- *Height of Ground above Sea Level* 1018 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·19				
FEB.	8·49				
MAR.	4·21				
APRIL	3·77				
MAY	3·17				
JUNE	2·35				
JULY	3·66				
AUG.	1·63				
SEPT.	2·68				
OCT.	3·34				
NOV.	3·06				
DEC.	3·85				
TOTAL	45·40				

Signature M. T. B. Whitson

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station................ Distance................ Direction from gauge................

Nearest Parish Church at................ Distance................ Direction from gauge................

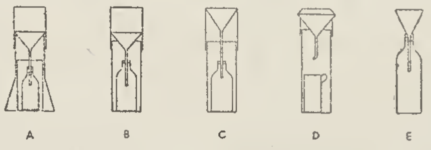
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move................ Distance................ Direction................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
22 JAN. 1938

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked* ·005; *this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this* ·005 *mark or between this* ·005 *and the* ·01 *mark are to be entered as* ·01 *even though they may be nearer to the* ·005 *mark than the* ·01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3098

B Monthly Summary.

** The following register of monthly totals, &c., is **NOT** required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Birchen Clough Gfd

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1018 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·20	Gauge read weekly	and at end of month		
FEB.	2·48				
MAR.	1·84				
APRIL	·75				
MAY	4·86				
JUNE	5·16				
JULY	5·30				
AUG.	3·69				
SEPT.	2·58				
OCT.	10·36				
NOV.	5·82				
DEC.	5·22				
TOTAL	54·26	✓			

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.......... Direction from gauge..........

Nearest Parish Church at.................. Distance.......... Direction from gauge..........

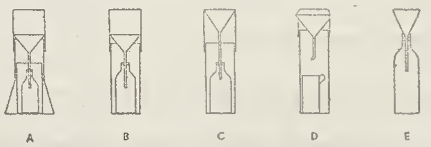
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

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(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(c) *On some measures there is graduation marked ·005: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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S.O. Code No. 40-9999

FORM 1090.

3098

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Birchen Clough

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* — *in.*
Height of Ground above Sea Level 1018 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·12	Gauge read weekly	and at end of month		
FEB.	5·42				
MAR.	4·09				
APRIL	2·96				
MAY	2·94				
JUNE	5·04				
JULY	9·89				
AUG.	2·52				
SEPT.	1·88				
OCT.	4·20				
NOV.	8·42				
DEC.	5·30				
TOTAL	59·78				

Signature Mr B Whitson

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Waterworks Offices
Town Hall Chambers Ashton u Lyne

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 2 miles 580 yds Direction from gauge

Nearest Parish Church at St Chads Uppermill Distance 1 mile 1300 yds Direction from gauge

Nature of objects nearest to gauge				
Height of objects	Open in deep valley			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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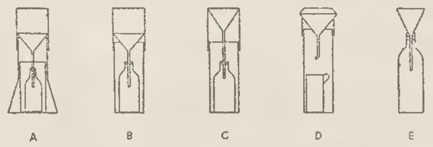

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3098

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1940

At Birchen Clough

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 1018 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·08	Gauge read weekly	and at end of month		
FEB.	3·70				
MAR.	4·46				
APRIL	4·07				
MAY	1·50				
JUNE	1·09				
JULY	6·13				
AUG.	3·02				
SEPT.	5·44				
OCT.	5·44				
NOV.	10·56				
DEC.	6·53				
TOTAL	54·02				

Signature W. T. B. Whitson

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

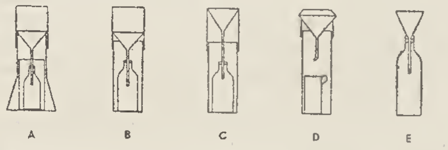
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

20 JAN 194
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{array}{c}17\\18\end{array}\left|\left.\begin{array}{c}\\ \\\end{array}\right\}\cdot14\right|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090. **B** Mon
Sum

3098/5

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3098/5
UPPERWOOD
1934 — 40

280506

*** The following register of monthl
&c., is NOT required if daily o
values are given on the other si

d also the space for

ster should be sent:—

RAINFALL IN 1934

At Upperwood.
In the County of York

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level 1

ton-u-Lyne.

in Summer 9am Greenwich
cle Direction from 40 yds. gauge W. by S.
nils Direction from 770 yds. gauge West.

or.

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu Da ·01 i or more	or more
	Inches	Inches	Date	*	*
JAN.	3·52				
FEB.	·44				
MAR.	2·90				
APRIL	3·35				
MAY	2·84				
JUNE	2·29				
JULY	4·56				
AUG.	3·55				
SEPT.	3·36				
OCT.	5·87				
NOV.	3·37				
DEC.	6·03				
Total	42·08				

Gauge read weekly and at end of month.

Signature Mr B. Whitson

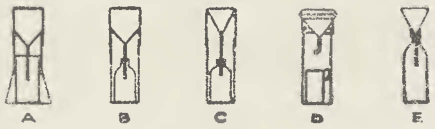
Directions from gauge ..

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c|}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3098/5

Form 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Upperwood.
In the County of York
Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* – *in.*
Height of Ground above Sea Level 1518 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
	Inches	Inches	Date	·01 in or more *	·04 in. or more *
JAN.	3·52		Gauge read weekly	and at end of month.	
FEB.	·44				
MAR.	2·90				
APRIL	3·35				
MAY	2·84				
JUNE	2·29				
JULY	4·56				
AUG.	3·55				
SEPT.	3·36				
OCT.	5·87				
NOV.	3·37				
DEC.	6·03				
Total	42·08				

Signature Mr B. Whitson

*See Instruction 2 (*f*) below.

C Particulars

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
Waterworks Offices
Town Hall Chambers, Ashton-u-Lyne.

Hour of observation by the clock—in Winter 9am. in Summer 9am Greenwich

Nearest Railway Station Uppermill. Distance 1 mile 1340 yds. Direction from gauge W. by S.

Nearest Parish Church at St Chads Saddleworth. Distance 1 mile 770 yds. Direction from gauge West.

Nature of objects nearest to gauge				
Height of objects				
Distances ..		Open moor.		
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935.

At Upperwood Greenfield

In the County of York

Rain Gauge { Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* — *in.*

Height of Ground above Sea Level 1578 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
	Inches	Inches	Date	·01 in. or more *	·04 in. or more *
JAN.	2·29				
FEB.	5·08				
MAR.	2·40				
APRIL	3·58				
MAY	·72				
JUNE	3·46			—	
JULY	2·63				
AUG.	1·98				
SEPT.	6·05				
OCT.	10·19				
NOV.	7·11				
DEC.	3·14				
TOTAL	48·63				

Gauge read weekly and at end of month

Signature M. T. B. Whitson pH

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Waterworks Offices
Town Hall Chambers Ashton u Lyne

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 1 mile 1340 yds Direction from gauge W. by S.

Nearest Parish Church at St Chads Saddleworth Distance 1 mile 770 yds Direction from gauge West

Nature of objects nearest to gauge				
Height of objects				
Distances ...		Open	moor	
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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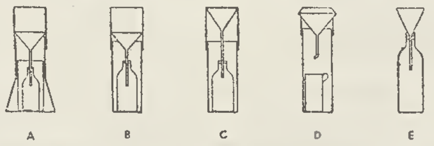

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January* 1*st is the rainfall for the* 24 *hours following* 9 *a.m. on January* 1*st; it is therefore the amount measured on January* 2*nd.* 9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3098/5

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Upperwood Greenfield

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground*......*ft.*......*in.*
- *Height of Ground above Sea Level* 1518 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·42				
FEB.	2·99				
MAR.	3·16				
APRIL	2·82				
MAY	2·06				
JUNE	5·70				
JULY	5·44				
AUG.	3·53				
SEPT.	6·92				
OCT.	5·82				
NOV.	6·82				
DEC.	4·29				
TOTAL	52·97				

This Gauge read weekly and at end of month

Signature M.T.B. Whatson

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter..................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

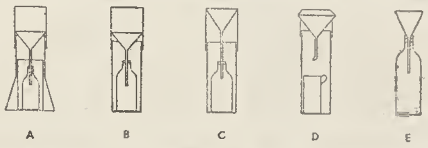
Nature of objects nearest to gauge	as last year			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3098/5.

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Upperwood, Greenfield

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5" in.
Height of Top above Ground .... ft. .... in.
Height of Ground above Sea Level 1218 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·40				
FEB.	8·65				
MAR.	4·48				
APRIL	3·83				
MAY	3·41				
JUNE	2·57				
JULY	3·87				
AUG.	1·92				
SEPT.	2·18				
OCT.	3·73				
NOV.	3·13				
DEC.	4·41				
TOTAL	47·58				

Signature W. T. B. Wilson

WH.

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................... Distance.............. Direction from gauge..............

Nearest Parish Church at.................... Distance.............. Direction from gauge..............

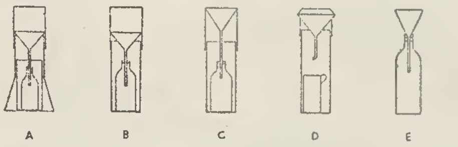
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
22 JAN. 1938

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
   (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
   (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3098/5

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193..8

At Upperwood Gfd

In the County of York.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* – *in.*
- *Height of Ground above Sea Level* 1578 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.92	Gauge read weekly	and at end of month		
FEB.	2·45				
MAR.	2·05				
APRIL	·71				
MAY	5·07				
JUNE	5·49				
JULY	5·53				
AUG.	4·39				
SEPT.	2·84				
OCT.	10·44				
NOV.	5·48				
DEC.	4·96				
TOTAL	55·33.				

Signature ....

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.................... in Summer....................

Nearest Railway Station.................................... Distance.................. Direction from gauge..................

Nearest Parish Church at.................................... Distance.................. Direction from gauge..................

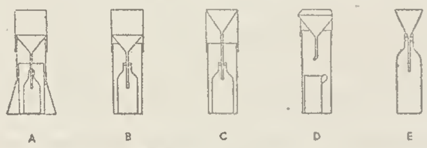
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................................... Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

309 8/5

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Upperwood Greenfield

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1578 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	8·22	Gauge read weekly	and at end of month		
FEB.	5·23				
MAR.	3·99				
APRIL	3·47				
MAY	3·10				
JUNE	4·50				
JULY	9·38				
AUG.	2·65				
SEPT.	1·69				
OCT.	4·29				
NOV.	8·05				
DEC.	4·56				
TOTAL	5 ~~6~~9·13				

Signature W T Bhelson fsh

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Waterworks Offices
Town Hall Chambers Ashton

Hour of observation by the clock—in Winter 9 am in Summer 9 am Greenwich

Nearest Railway Station Uppermill Distance 1 mile 1340 yds Direction from gauge W by S

Nearest Parish Church at St Chads Saddleworth Distance 1 mile 770 yds Direction from gauge West

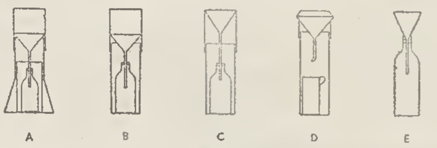
Nature of objects nearest to gauge				
Height of objects				
Distances ...	Open moor			
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3098/

FORM 1090.

B Monthly Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40..

At Upperwood

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* — *in.*
- *Height of Ground above Sea Level* 1518 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·54	Gauge read weekly	and at end of month		
FEB.	3·72				
MAR.	4·41				
APRIL	4·20				
MAY	1·54				
JUNE	1·17				
JULY	5·82				
AUG.	3·16				
SEPT.	5·54				
OCT.	5·45				
NOV.	10·05				
DEC.	6·23				
TOTAL	53·83				

Signature W. T. B. Whitson

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

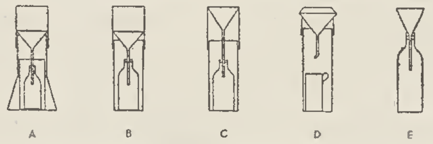
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M. O.
20 JAN 1941
B. R.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 2778/2036 21,000 10/38 W. H. & S. 668/91 S.O. Code No. 40-9999

Form 1090.

B Mo
Su

3099

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3099
SADDLEWORTH
1931 — 40

>40506

, The following register of month
&c., is NOT required if daily o
values are given on the other si

nd also the space for

ister should be sent:—

el Bradford

RAINFALL IN 193

At Saddleworth Stat
In the County of Yorksh
Diameter of Funnel 5
Rain Gauge: Height of Top above Ground 4 ft.
Rain Gauge: Height of Ground above Sea Level

in Summer

Direction from gauge

Direction from gauge

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu De ·01 i or m	
	Inches.	Inches.	Date.	*	
Jan.	6·91				
Feb.	6·03				
Mar.	0·57				
April	3·75				
May	2·99				
June	6·87				
July	2·37	?			
Aug.	7·03				
Sept.	3·14	?			
Oct.	2·98				
Nov.	5·72	?			
Dec.	2·41				
Total	50·77	?			

Signature J Alexander
[illegible]

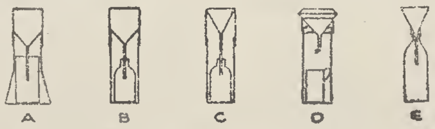
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Sept. 11 2nd [illegible]

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Mo Su

3099

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At Saddleworth Station

In the County of Yorkshire

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 4 *ft.* 10 *in.*

Height of Ground above Sea Level 630 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6·91				
FEB.	6·03				
MAR.	0·57				
APRIL	3·75				
MAY	2·99				
JUNE	6·87				
JULY	2·37	?			
AUG.	7·03				
SEPT.	3·14	?			
OCT.	2·98				
NOV.	5·72	?			
DEC.	2·41				
Total	50·77	?			

Signature J Alexander

Paint with grey B

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J Alexander Esq
18 Peel Place Bradford

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

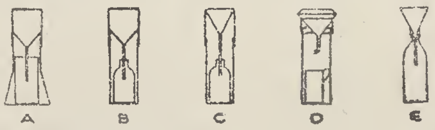
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Sept. 11 2nd low

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3099

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Saddleworth Station

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 4 *ft.* 10 *in.*
Height of Ground above Sea Level 630 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5-33				
FEB.	0-52				
MAR.	2.49 ~~1-49~~				
APRIL	4.25 ~~6-25~~	allocated.			
MAY	4·93				
JUNE	0-56				
JULY	5-02				
AUG.	0-48				
SEPT.	6·39				
OCT.	7-68				
NOV.	3-10				
DEC.	2·75				
Total	43·40?				

X Print total ? X

Signature [illegible] ALEXANDER

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

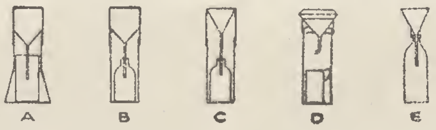
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

march & april totals allocated by surrounding stations.

Glasspoole
18/3/33.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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3099

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Saddleworth Station

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 4 *ft.* 10 *in.*
Height of Ground above Sea Level 630 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·29				
FEB.	3·48				
MAR.	4·50				
APRIL	1·41				
MAY	1·96				
JUNE	3·45				
JULY	3·04				
AUG.	2·20				
SEPT.	1·87				
OCT.	4·55				
NOV.	2·83				
DEC.	0·42				
Total	32·00 ✓				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

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Heights of objects				
Distances ..				
Directions from gauge ..				

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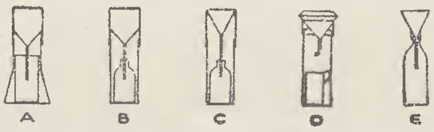

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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

3099

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193.....

At Saddleworth

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* ~~525~~ 550' *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3-54				
FEB.	0·40				
MAR.	3·63	new 5" g in [illegible]			
APRIL	2·46				
MAY	3·93				
JUNE	2-65				
JULY	2·70				
AUG.	6-15				
SEPT.	2·75				
OCT.	5-12				
NOV.	4·59				
DEC.	5-20				
Total	43-12				

✓

Signature.............................

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.............in Summer.............

Nearest Railway Station............. Distance............. Direction from gauge.............

Nearest Parish Church at............. Distance............. Direction from gauge.............

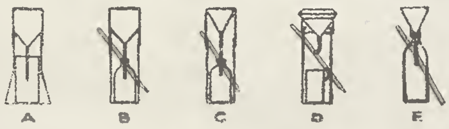
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move 2/3/34 Distance 250 yds. Direction North East

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. gauge set up. 2·3·34 on site selected on inspection.

5
1·0
563·33

NB much improved from March onward.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

- (*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*
- (*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- (*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.
- (*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- (*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- (*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.
- (*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- (*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

M.O.
9 M

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3099

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Saddleworth adj. 24# Pool

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 563-33 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3-41				
FEB.	6·17				
MAR.	3·38				
APRIL	4-11				
MAY	1-03				
JUNE	4-04				
JULY	1·87				
AUG.	2·90				
SEPT.	6-18				
OCT.	7-50				
NOV.	10-10				
DEC.	4-35				
TOTAL	55-04				

Signature ....

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter........................in Summer..................

Nearest Railway Station.................................. Distance................ Direction from gauge..............

Nearest Parish Church at.................................. Distance................ Direction from gauge..............

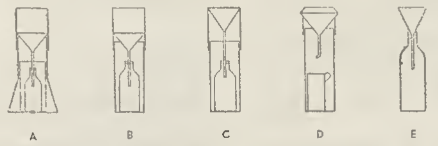
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) *If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.*

(h) *The heaviest daily fall for each month should be underlined.*

3. The columns are so spaced that the entries can be made by a typewriter.

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3099

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Saddleworth {Adjoining Canal 24th Pool}

In the County of Yorkshire

Rain Gauge { Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 563 - 33 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with 01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5-00				
FEB.	2-39				
MAR.	3·26				
APRIL	2·73				
MAY	0-91				
JUNE	5-44				
JULY	5-09				
AUG.	3·16				
SEPT.	5-08				
OCT.	5-71				
NOV.	7-27				
DEC.	4-05				
TOTAL	50-09 ✓				

Signature ……………………………………

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

……………………………………

……………………………………

Hour of observation by the clock—in Winter……………………in Summer……………………

Nearest Railway Station…………………… Distance…………… Direction from gauge……………

Nearest Parish Church at…………………… Distance…………… Direction from gauge……………

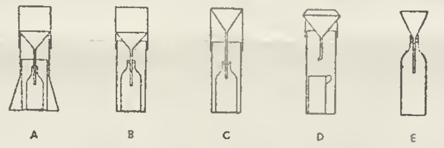
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move…………………… Distance…………… Direction……………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

……………………………………

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\left|\,\begin{matrix}\\\end{matrix}\right|\left.\begin{matrix}\\\end{matrix}\right\}\cdot14\,\Big|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3099

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Saddleworth (adjoining Canal)

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 563-33 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5-10				
FEB.	6-37				
MAR.	3-97				
APRIL	3-54				
MAY	2-68				
JUNE	2-08				
JULY	2-83				
AUG.	1-20				
SEPT.	1-89				
OCT.	2-49				
NOV.	2-12				
DEC.	4-09				
TOTAL	38-36				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

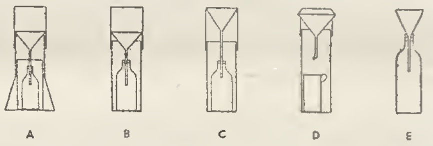
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
-8 JAN. 1938

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

3099

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938

At Saddleworth adjoining Canal

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 563.33 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4-83				
FEB.	2-13				
MAR.	2-09				
APRIL	1-43				
MAY	1-50				
JUNE	6-32				
JULY	6-50				
AUG.	3-21				
SEPT.	2-10				
OCT.	10-25				
NOV.	4-77				
DEC.	5-62				
TOTAL	50.75	✓			

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.............................. Distance.................. Direction from gauge..................

Nearest Parish Church at.............................. Distance.................. Direction from gauge..................

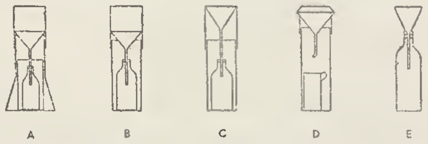
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
-6 JAN. 1939

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
   (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
   (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

FORM 1090.

3099

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Saddleworth (Adjoining Canal)

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 573-58 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6.75				
FEB.	3-64				
MAR.	4-88				
APRIL	2-30				
MAY	2.19				
JUNE	3.60				
JULY	6-23				
AUG.	4-64				
SEPT.	1-35				
OCT.	2.37				
NOV.	4-05				
DEC.	9-10				
TOTAL	51-10				

Signature ....

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.................in Summer..................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

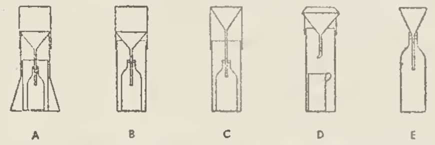
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O. 7
13 JAN. 1940

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. &S. 668/91 S.O. Code No. 40-9999

3099

FORM 1090.

B Monthly Summary.

***⁎* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 19~~3~~40

At Saddleworth (adjoining Lancs)

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 573-58 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	~~0-88~~	(1·88)			
FEB.	1-57				
MAR.	4-33				
APRIL	3-27				
MAY	1-82				
JUNE	0-54				
JULY	5-08				
AUG.	3-10				
SEPT.	5-33				
OCT.	3-10				
NOV.	9-05				
DEC.	4-31				
TOTAL	44·39 3 ~~42·39~~				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
The Dist. Engineer, L.M.&S. Rly Co.
18 Peel Place Bradford (Centre 37)

Hour of observation by the clock—in Winter.......................in Summer.......................

Nearest Railway Station....................... Distance.............. Direction from gauge..............

Nearest Parish Church at....................... Distance.............. Direction from gauge..............

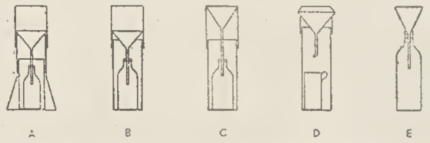
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move....................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan ests. from nearby stns.
Snow Circ. sent 30.4.41.

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Wt. 2778/2036 21,000 10/38 W. H. & S. 668/91 S.O. Code No. 40-9999

3100

Section **A** for the entry of

AIR MINISTR

FORM 1090.

REGIS

Kept at Strinesda

in the County of Yo

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

THE MORNING MEASU

An observer who does not conform to
year in the space on the right of th

Please read t

3100

STRINESDALE

1931 — 36

780506

FOR OFFICIAL USE.

ORGANIZATION.

lowing

Jan. 1, following.

Date	Jan.	Feb.	March							Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	11	02	.	21	.	71	.	.	08	10	.	.	1
2	03	10	.	77	05	1·04	.	.	87	03	03	02	2
3	.	.	.	04	.	11	49	.	33	.	81	43	3
4	.	08	.	55	.	.	13	.	1·98	04	55	36	4
5	.	13	.	.	21	96	01	44	13	.	.	25	5
6	.	25	02	.	.	36	62	06	14	86	29	.	6
7	.	.	01	.	.	40	07	33	.	35	04	15	7
8	06	26	05	08	04	.	27	52	01	07	32	.	8
9	.	83	04	33	.	28	.	38	10	05	31	06	9
10	09	12	03	.	30	31	.	36	11	.	28	.	10
11	66	61	.	05	.	04	11	02	30	.	26	.	11
12	07	42	—	.	.	.	64	.	20	26	30	.	12
13	.	.	10	.	03	.	25	04	.	.	.	.	13
14	23	14	.	.	11	98	04	82	07	.	43	01	14
15	27	30	.	18	15	.	06	79	.	.	01	12	15
16	69	12	.	38	48	63	10	77	31	.	-	.	16
17	05	18	.	19	03	05	44	75	06	.	03	-	17
18	39	01	.	40	.	65	58	11	.	.	97	.	18
19	20	29	.	12	.	.	11	1·31	.	04	.	01	19
20	05	21	02	07	.	06	.	32	.	.	08	.	20
21	66	07	09	.	10	13	02	41	.	.	05	.	21
22	11	08	.	02	15	08	02	.	.	.	01	.	22
23	62	01	04	14	17	37	43	.	.	.	69	22	23
24	10	41	.	03	1·00	.	10	.	.	.	02	06	24
25	09	1·01	.	25	02	.	11	.	.	.	07	15	25
26	02	24	.	31	.	.	.	.	.	.	68	02	26
27	60	11	.	01	09	.	28	.	.	44	1·03	08	27
28	57	28	.	05	07	.	22	.	01	.	.	10	28
29	33		.	.	15	.	17	.	.	75	05	.	29
30	.	×	.	11	.	.	01	.	12	.	.	.	30
31	23	×	.	×	.	×	02	.	×	01	×	04	31
TOTAL	6·23	6·28	·40	4·29	3·15	7·16	5·30	7·43	4·82	3·00	7·23	2·08	YEAR'S TOTAL 57·37
Days with ·01 in. or more.	24	25	9	21	17	17	25	16	16	12	23	16	221
Days with ·04 in. or more.	22	22	5	18	14	17	20	15	14	10	18	12	187

40-9999

(Signed) Chas. J. Oakley.

[P.T.O.

3100.

Section **A** for the entry of [redacted] FOR OFFICIAL USE.
AIR MINISTRY [redacted] ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Stonesdale
in the County of Yorks
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 791 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	11	02	.	21	.	71	.	.	08	10	.	.	1
2	03	10	.	77	05	1·04	.	.	87	03	03	02	2
3	.	.	.	04	.	11	49	.	33	.	81	43	3
4	.	08	.	55	.	.	13	.	1·98	04	55	36	4
5	.	13	.	.	21	96	01	44	13	.	.	25	5
6	.	25	02	.	.	36	62	06	14	86	29	.	6
7	.	.	01	.	.	40	07	33	.	35	04	15	7
8	06	26	05	08	04	.	27	52	01	07	32	.	8
9	.	83	04	33	.	28	.	38	10	05	31	06	9
10	09	12	03	.	30	31	.	36	11	.	28	.	10
11	66	61	.	05	.	04	11	02	30	.	26	.	11
12	07	42	.	.	.	.	64	.	20	26	30	.	12
13	.	.	10	.	03	.	25	04	.	.	.	.	13
14	23	14	.	.	11	98	04	82	07	.	43	01	14
15	27	30	.	18	15	.	06	79	.	.	01	12	15
16	69	12	.	38	48	63	10	77	31	.	.	.	16
17	05	18	.	19	03	05	44	75	06	.	03	.	17
18	39	01	.	40	.	65	58	11	.	.	97	.	18
19	20	29	.	12	.	.	11	1·31	.	04	.	01	19
20	05	21	02	07	.	06	.	32	.	.	08	.	20
21	66	07	09	.	10	13	02	41	.	.	05	.	21
22	11	08	.	02	15	08	02	.	.	.	01	.	22
23	62	01	04	14	17	37	43	.	.	.	69	22	23
24	10	41	.	03	1·00	.	10	.	.	.	02	06	24
25	09	1·01	.	25	02	.	11	.	.	.	07	15	25
26	02	24	.	31	.	.	.	.	.	.	60	02	26
27	60	11	.	01	09	.	28	.	.	44	1·03	08	27
28	57	28	.	05	07	.	22	.	01	.	.	10	28
29	33		.	.	15	.	17	.	.	75	05	.	29
30	.	✗	.	11	.	.	01	.	12	.	.	.	30
31	23	✗	.	✗	.	✗	02	.	✗	01	✗	04	31
													YEAR'S TOTAL
TOTAL	6·23	6·28	·40	4·29	3·15	7·16	5·30	7·43	4·82	3·00	7·23	2·08	57·37
Days with ·01 in. or more.	24	25	9	21	17	17	25	16	16	12	23	16	221
Days with ·04 in. or more.	22	22	5	18	14	17	20	15	14	10	18	12	187

40-9999

(Signed) Chas. J. Oakley. [P.T.O.

3100

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Strinesdale

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 791 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	42	02	.	30	23	.	21	01	49	33	12	01	1
2	1·06	.	.	.	30	.	04	03	1·36	31	16	39	2
3	05	.	.	.	.	.	34	.	11	.	.	17	3
4	03	01	.	02	.	.	04	.	02	04	23	01	4
5	1·23	01	19	24	05	.	.	01	09	.	.	02	5
6	1·27	.	09	48	03	.	07	.	32	.	.	.	6
7	04	.	60	22	.	.	.	.	80	19	01	.	7
8	.	01	.	19	.	.	.	.	17	82	.	.	8
9	13	14	.	70	03	.	.	.	01	.	.	06	9
10	40	02	.	10	.	.	.	.	70	72	.	05	10
11	04	05	.	06	61	15	1·99	.	17	.	01	.	11
12	28	.	.	.	49	11	04	03	02	53	.	.	12
13	.	08	.	04	15	.	28	03	35	54	01	19	13
14	05	.	.	07	.	.	30	10	02	11	16	.	14
15	.	.	.	01	74	.	.	.	.	20	12	12	15
16	32	.	.	12	01	.	03	01	.	16	.	11	16
17	.	.	.	.	.	.	09	05	08	58	.	.	17
18	.	.	.	.	04	.	.	.	02	.	02	.	18
19	.	.	.	23	14	.	.	.	.	37	.	.	19
20	.	.	.	22	46	.	11	25	.	15	04	.	20
21	03	.	24	13	43	.	01	45	.	58	11	03	21
22	01	.	29	17	38	.	07	.	.	11	1·05	05	22
23	01	03	.	06	66	.	13	.	.	12	10	05	23
24	04	.	.	02	.	06	36	.	29	01	20	02	24
25	.	03	.	08	13	02	02	.	15	99	27	.	25
26	.	01	.	16	18	01	33	.	10	63	21	.	26
27	.	.	37	23	36	09	47	.	.	12	11	18	27
28	.	.	19	06	17	.	23	.	.	.	.	08	28
29	10	.	55	19	04	08	32	46	17	79	14	23	29
30	.	X	26	.	01	34	08	09	01	05	35	17	30
31	01	X	17	X	01	X	20	.	X	.	X	11	31
TOTAL	5·52	·41	2·95	4·10	5·65	86	5·76	1·52	5·45	8·45	3·42	2·06	YEAR'S TOTAL 46·14
*Days with ·01 in. or more.	19	11	10	24	23	8	23	12	21	23	19	19	212
*Days with ·04 in. or more.	14	3	10	21	18	6	20	6	15	22	15	14	164

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

[P.T.O.

3100

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Stonesdale

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 791 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	06	82	01	.	.	.	.	.	08	.	39	.	1
2	39	.	13	32	01	15	.	12	.	.	01	.	2
3	.	55	29	.	40	.	.	.	.	.	02	.	3
4	26	12	38	.	16	.	.	.	.	.	.	.	4
5	19	29	04	.	15	.	.	.	.	.	03	.	5
6	06	13	.	.	23	.	.	.	.	.	01	06	6
7	09	44	21	.	11	.	02	02	.	98	.	03	7
8	35	10	14	02	09	.	35	01	.	.	.	10	8
9	.	45	.	27	18	.	97	09	.	62	19	.	9
10	17	03	.	.	.	08	01	.	.	90	19	.	10
11	.	.	.	01	.	.	73	04	.	33	.	02	11
12	01	.	.	.	.	17	33	.	.	10	.	03	12
13	.	.	01	.	23	.	41	.	.	24	17	.	13
14	11	.	04	.	23	.	17	.	.	03	16	.	14
15	49	.	01	.	.	.	02	27	.	18	41	.	15
16	16	01	21	01	02	35	.	.	.	27	02	.	16
17	05	.	1·30	.	.	65	.	50	05	.	17	.	17
18	06	03	30	.	01	70	.	01	.	.	04	.	18
19	.	01	60	.	.	01	01	.	07	.	05	02	19
20	.	18	.	.	.	.	.	14	09	.	.	.	20
21	.	01	.	.	.	03	.	38	04	.	.	.	21
22	.	.	.	.	.	78	.	12	.	10	.	.	22
23	.	02	.	27	03	.	.	04	02	02	.	.	23
24	.	26	.	19	12	23	.	.	76	.	.	.	24
25	.	24	.	18	.	.	.	.	82	.	.	09	25
26	.	33	.	55	.	.	.	.	.	40	01	.	26
27	.	02	.	.	13	.	.	.	01	.	.	.	27
28	.	.	.	13	.	.	13	.	01	14	.	.	28
29	.		.	26	.	.	01	.	.	05	.	07	29
30	04	✕	04	.	07	.	21	.	.	31	.	24	30
31	41	✕	09	✕	.	✕	29	09	✕	27	✕	.	31
TOTAL	2·85	4·04	3·80	2·21	2·17	3·15	3·66	1·83	1·95	4·94	1·87	·66	YEAR'S TOTAL 33·13
*Days with ·01 in. or more.	16	19	16	11	16	10	14	13	10	16	15	9	165
*Days with ·04 in. or more.	14	12	13	8	12	8	9	10	7	14	9	5	121

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*See Instruction 2 (*f*) on other side.

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(Signed)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3100

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Strinesdale

in the County of York

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 791 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	16	.	01	.	.	.	.	08	.	09	06	56		1
2	01	02	14	.	.	.	.	72	06	.	18	67		2
3	09	01	.	.	.	.	.	03	.	08	10	07		3
4	18	.	21	06	04	.	.	.	06	61	.	80		4
5	.	.	05	.	12	.	.	28	.	15	03	27		5
6	.	.	09	06	49	06	.	06	.	27	.	35		6
7	38	03	12	02	.	09	.	.	.	14	21	28		7
8	.	.	04	.	08	35	.	07	01	05	85	04		8
9	.	03	02	05	.	.	.	11	.	.	33	04		9
10	.	01	37	13	.	.	.	29	.	50	10	.		10
11	11	.	02	30	.	.	.	33	.	02	01	12		11
12	.	.	07	25	.	.	34	20	.	07	.	04		12
13	19	.	.	02	07	.	32	03	.	28	01	.		13
14	22	.	09	.	06	01	.	.	.	38	10	07		14
15	61	.	42	.	81	.	.	25	60	.	03	27		15
16	39	.	09	.	25	.	.	.	.	.	05	14		16
17	44	.	36	01	14	.	21	.	23	07	.	26		17
18	18	.	18	13	46	13	09	05	.	.	.	22		18
19	.	.	21	02	08	64	.	.	25	20	.	03		19
20	.	.	06	14	30	.	.	03	08	22	01	.		20
21	03	.	01	01	10	62	.	01	03	09	01	.		21
22	05	.	04	.	.	.	.	76	59	14	.	.		22
23	.	.	12	47	.	02	52	04	.	19	11	01		23
24	.	16	09	16	.	09	01	.	34	09	01	.		24
25	03	07	.	10	03	.	13	.	21	30	.	31		25
26	18	.	03	22	.	18	46	.	37	10	07	10		26
27	.	01	.	26	.	24	69	.	06	17	03	19		27
28	.	.	.	12	.	25	31	17	.	38	.	52		28
29	.		.	.	.	.	16	71	46	11	.	16		29
30	19	✕	.	.	.	.	10	48	19	34	.	17		30
31	.	✕	.	✕	.	✕	35	.	✕	03	✕	23		31
TOTAL	3·44	·34	2·84	2·53	3·03	2·68	3·69	4·70	3·54	5·07	2·30	5.92	Year's Total 40·08	
*Days with ·01 in. or more.	17	8	23	19	14	12	13	20	15	26	19	25	211	
*Days with .04 in. or more.	14	2	18	14	13	10	12	16	13	24	11	23	170	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3180

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Stonesdale

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 791 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	54	32	04	07	.	.	04	.	05	58	15	22	1
2	02	13	.	.	.	30	01	01	10	20	10	33	2
3	09	67	10	08	.	07	50	.	30	01	12	21	3
4	.	02	:	01	.	26	06	.	26	22	.	03	4
5	.	46	15	20	.	12	02	.	36	06	26	16	5
6	01	01	01	05	.	31	.	.	.	.	.	01	6
7	.	.	.	14	.	22	.	.	.	33	11	33	7
8	.	.	.	13	.	03	.	.	.	19	02	36	8
9	.	.	.	29	.	06	.	.	.	1·98	15	.	9
10	.	08	01	43	.	01	.	.	.	61	10	.	10
11	46	16	.	.	.	09	.	01	.	34	12	06	11
12	.	18	.	.	.	63	.	.	10	.	.	.	12
13	14	11	.	11	28	06	.	.	05	12	.	.	13
14	.	01	.	.	09	18	.	.	17	01	1·03	18	14
15	.	1·27	.	35	06	.	02	.	15	13	18	30	15
16	.	32	15	33	.	23	20	02	50	02	24	.	16
17	.	11	.	51	43	22	06	.	53	06	48	.	17
18	02	.	.	19	07	09	29	.	60	50	13	.	18
19	.	04	.	25	.	36	33	.	.	18	18	.	19
20	.	60	.	26	.	21	05	.	.	.	30	.	20
21	.	39	.	04	.	.	.	01	92	17	14	18	21
22	01	14	11	.	.	.	.	.	07	.	02	.	22
23	01	.	1·04	04	.	.	.	47	06	21	.	.	23
24	47	37	03	.	.	.	.	.	1·53	05	.	07	24
25	19	10	41	.	.	34	.	.	.	.	05	03	25
26	.	.	.	.	.	.	06	1·23	52	48	14	28	26
27	.	04	.	.	.	15	45	.	46	1·08	37	20	27
28	05	08	.	.	01	.	.	18	18	53	17	02	28
29	01		04	.	.	.	.	01	13	51	06	12	29
30	12	X	.	.	.	16	.	17	39	54	69	05	30
31	04	X	02	X	.	X	.	.	X	38	X	30	31
TOTAL	2·18	5·61	2·11	3·48	·94	4·10	2·09	2·11	7·43	9·49	5·31	3·44	YEAR'S TOTAL 48·29
*Days with ·01 in. or more.	15	22	12	18	6	21	13	9	21	26	24	20	207
*Days with .04 in. or more.	9	19	8	17	5	19	10	4	21	23	22	16	17[illegible]

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*See Instruction 2 (*f*) on other side.

(Signed) Chas J Batley

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3100

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Stonesdale

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 791 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.	11	05	32	.	.	.	46	05	.	21	18		1
2	.	05	04	06	.	32	09	26	06	.	03	21		2
3	03	.	.	.	.	42	06	18	60	.	.	14		3
4	24	18	20	.	.	01	02	0.9	38	.	32	34		4
5	04	03	48	.	.	.	.	19	69	02	.	40		5
6	08	.	08	.	02	04	12	64	66	.	11	.		6
7	.	.	08	.	.	.	16	.	83	.	10	18		7
8	28	.	16	.	.	.	.	.	02	.	40	16		8
9	22	.	04	.	.	01	02	.	09	01	1·26	.		9
10	10	.	.	.	.	.	61	.	.	.	85	.		10
11	.	.	.	01	.	17	63	06	02	.	51	02		11
12	.	.	.	16	07	56	43	06	41	07	16	03		12
13	01	.	.	14	03	02	14	.	.	17	02	23		13
14	.	.	.	07	.	35	03	12	64	24	28	1·12		14
15	18	.	01	10	.	17	11	10	05	.	51	08		15
16	05	02	01	03	.	01	04	.	03	02	78	.		16
17	12	48	.	.	02	.	18	10	.	57	10	15		17
18	.	05	.	.	.	12	22	09	.	92	.	03		18
19	24	22	04	10	.	15	39	49	.	09	.	.		19
20	20	04	.	01	.	.	03	.	01	04	.	.		20
21	34	.	04	07	.	01	.	.	.	16	.	.		21
22	12	43	05	.	01	64	17	.	.	.	.	09		22
23	.	03	30	23	11	.	49	.	.	07	.	.		23
24	07	07	02	08	18	.	01	07	21	63	01	06		24
25	15	.	01	08	.	08	04	.	41	25	.	09		25
26	03	24	14	.	.	.	04	.	07	67	.	.		26
27	58	.	05	.	.	.	.	.	44	41	.	.		27
28	50	45	09	01	.	.	15	.	.	.	.	09		28
29	08	57	81	.	12	59	.	.	.	12	21	26		29
30	32	✕	.	.	88	02	27	.	.	71	07	06		30
31	11	✕	04	✕	01	✕	11	04	✕	.	✕	29		31
TOTAL	4·09	2·97	2·74	1·47	1·45	3·69	4·56	2·95	5·67	5·17	5·93	4·21	Year's Total 44·90	✓
* Days with .01 in. or more.	23	15	21	15	10	18	25	15	19	18	18	21	218	✓
* Days with .04 in. or more.	20	12	17	11	5	12	20	15	15	15	1[illegible]	18	175	✓

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† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

3101

Section **A** **for the entr** **FOR OFFICIAL USE.**

AIR MINI ALL ORGANIZATION.

FORM 1090. **REG** 31 .

Kept at Bro

in the County of

Diameter of Funnel of Gauge..

Height of top of Gauge above G

,, Ground ,, S

THE MORNING ME **AY.**

An observer who does not confor *e following*
year in the space on the right

Please re

Jan. 1, following.

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3101

YORKS, BROADHURST
1931 — 40

780507

Date	Jan.	Feb.	Mar						t.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	09	.	.	19	.	1·27	.	.	10	13	.	.	1
2	01	15	.	70	06	1·10	03	.	87	10	05	06	2
3	.	.	.	11	.	10	52	.	68	01	1·26	59	3
4	.	09	.	59	.	01	13	.	1·90	08	38	39	4
5	.	07	.	.	27	1·17	06	45	10	.	.	41	5
6	.	26	02	.	.	36	1·37	07	18	80	23	03	6
7	.	.	04	.	.	52	04	46	.	34	09	16	7
8	04	35	05	08	07	.	34	74	03	14	20	.	8
9	01	98	05	34	.	44	01	41	09	06	30	08	9
10	17	24	09	.	28	31	02	31	08	.	36	.	10
11	61	95	.	03	.	10	09	04	35	.	63	02	11
12	08	33	.	04	.	.	84	.	20	27	37	.	12
13	.	.	15	01	06	02	21	03	.	.	.	.	13
14	21	14	.	02	15	79	07	94	06	.	41	02	14
15	36	39	.	17	20	03	08	87	.	.	03	14	15
16	87	20	.	42	46	64	16	1·08	32	.	.	.	16
17	16	17	.	35	06	14	54	64	07	02	03	.	17
18	41	04	.	61	.	64	60	15	.	.	86	.	18
19	21	29	.	14	.	.	04	1·30	05	06	.	.	19
20	05	27	01	13	.	06	.	28	.	.	11	.	20
21	68	07	08	.	15	17	03	32	.	.	04	.	21
22	19	18	01	06	16	11	06	.	02	.	02	.	22
23	66	02	03	31	21	38	44	.	.	.	81	26	23
24	10	49	.	12	72	.	11	.	.	.	03	10	24
25	22	1·28	.	36	02	.	07	.	.	.	09	15	25
26	08	25	.	23	.	.	.	.	.	.	60	07	26
27	63	09	.	04	09	.	43	.	.	32	1·11	17	27
28	49	33	.	22	18	02	35	.	02	.	.	12	28
29	45		.	02	16	.	24	.	.	84	05	.	29
30	02	X	.	12	.	.	.	.	10	.	02	.	30
31	54	X	.	X	10	X	03	.	X	03	X	09	31
TOTAL	7·34	7·63	·53	5·41	3·40	8·38	6·91	8·09	5·22	3·20	8·08	2·86	YEAR'S TOTAL 67·05
Days with ·01 in. or more.	25	24	10	25	18	21	27	16	18	14	24	17	239
Days with ·04 in. or more.	22	23	6	21	17	17	22	15	5	11	[illegible]	14	207

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(Signed)................................ [P.T.O.

3101

Section A for the entr

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Broadhead

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 957 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	09	·	·	19	·	1·27	·	·	10	13	·	·	1
2	01	15	·	70	06	1·10	03	·	87	10	05	06	2
3	·	·	·	11	·	·10	52	·	68	01	1·26	59	3
4	·	09	·	59	·	01	13	·	1·90	08	38	39	4
5	·	07	·	·	27	1·17	06	45	10	·	·	41	5
6	·	26	02	·	·	36	1·37	07	18	80	23	03	6
7	·	·	04	·	·	52	04	46	·	34	09	16	7
8	04	35	05	08	07	·	34	74	03	14	20	·	8
9	01	98	05	34	·	44	01	41	09	06	30	08	9
10	17	24	09	·	28	31	02	31	08	·	36	·	10
11	61	95	·	03	·	10	09	04	35	·	63	02	11
12	08	33	·	04	·	·	84	·	20	27	37	·	12
13	·	·	15	01	06	02	21	03	·	·	·	·	13
14	21	14	·	02	15	79	07	94	06	·	41	02	14
15	36	39	·	17	20	03	08	87	·	·	03	14	15
16	87	20	·	42	46	64	16	1·08	32	·	·	·	16
17	16	17	·	35	06	14	54	64	07	02	03	·	17
18	41	04	·	61	·	64	60	15	·	·	86	·	18
19	21	29	·	14	·	·	04	1·30	05	06	·	·	19
20	05	27	01	13	·	06	·	28	·	·	11	·	20
21	68	07	08	·	15	17	03	32	·	·	04	·	21
22	19	18	01	06	16	11	06	·	02	·	02	·	22
23	66	02	03	31	21	38	44	·	·	·	81	26	23
24	10	49	·	12	72	·	11	·	·	·	03	10	24
25	22	1·28	·	36	02	·	07	·	·	·	09	15	25
26	08	25	·	23	·	·	·	·	·	·	60	07	26
27	63	09	·	04	09	·	43	·	·	32	1·11	17	27
28	49	93	·	22	18	02	35	·	02	·	·	12	28
29	45		·	02	16	·	24	·	·	84	05	·	29
30	02	✕	·	12	·	·	·	·	10	·	02	·	30
31	54	✕	·	✕	10	✕	03	·	✕	03	✕	09	31
TOTAL	7·34	7·63	·53	5·41	3·40	8·38	6·91	8·09	5·22	3·20	8·08	2·86	YEAR'S TOTAL 67·05
Days with ·01 in. or more.	25	24	10	25	18	21	27	16	18	14	24	17	239
Days with ·04 in. or more.	22	23	6	21	17	17	22	15	5	11	19	14	207

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(Signed) Chas. J. Battey.

[P.T.O.

3101

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Broadhead

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 957 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·56	03	.	40	30	.	24	06	81	47	15	05	1
2	1·13	.	.	.	57	.	04	05	1·63	23	26	45	2
3	11	.	.	.	.	.	35	.	15	.	.	21	3
4	05	04	.	10	02	.	11	.	06	08	29	04	4
5	1·30	02	19	32	04	.	01	03	15	.	.	04	5
6	1·41	.	26	51	13	.	04	01	31	.	.	.	6
7	30	.	64	28	05	.	.	.	78	25	04	.	7
8	.	03	.	20	.	.	.	.	18	85	04	03	8
9	20	14	.	85	05	.	.	.	04	.	.	09	9
10	46	03	03	16	.	.	.	.	82	51	03	13	10
11	06	07	03	13	57	04	1·57	.	13	04	05	.	11
12	42	.	.	01	61	02	11	02	02	67	04	.	12
13	.	12		10	18	.	31	02	56	58	06	28	13
14	07	.	.	04	.	.	07	03	03	14	20	.	14
15	02	.	.	06	47	.	.	.	.	26	17	17	15
16	38	.	.	18	02	.	07	02	.	22	03	14	16
17	.	.	.	03	.	.	12	07	07	55	02	.	17
18	.	.	.	.	06	.	01	.	04	.	05	.	18
19	.	03	.	26	13	.	02	01	02	41	02	.	19
20	.	.	.	26	49	.	10	58	.	22	08	.	20
21	06	.	26	09	53	.	08	69	.	74	13	05	21
22	03	.	24	23	27	.	23	.	02	14	98	14	22
23	.	04	.	10	89	.	11	.	.	12	16	11	23
24	06	02	.	06	02	07	35	.	30	01	18	03	24
25	.	06	.	11	13	04	06	.	09	98	28	.	25
26	.	02	.	20	35	03	38	.	13	39	37	.	26
27	.	.	42	19	50	10	44	.	.	08	14	20	27
28	.	01	27	04	18	02	22	.	.	.	02	14	28
29	10	.	70	10	06	12	36	57	24	93	20	27	29
30	.	×	39	02	.	32	12	06	02	11	45	15	30
31	03	×	36	×	02	×	16	.	×	.	×	12	31
TOTAL	6·75	·66	3·79	5·03	6·64	76	5·68	2·22	6·60	8·98	4·44	2·84	YEAR'S TOTAL 64·39
*Days with ·01 in. or more.	19	14	12	27	25	9	26	14	23	24	26	20	239
*Days with ·04 in. or more.	16	6	10	24	21	6	23	7	18	23	21	18	193

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*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

3101

Section **A** **for the entry of Daily Observations.** **COPY FOR OFFICIAL USE.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Broadhead
in the County of Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 957 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	11	99	02	.	.	.	.	02	10	.	33	.	1
2	44	.	22	29	.	04	.	12	.	.	06	.	2
3	02	58	34	.	35	.	.	01	.	.	05	.	3
4	27	20	47	.	19	.	.	03	.	02	.	.	4
5	31	37	09	.	19	.	.	.	.	.	04	.	5
6	06	17	02	.	24	.	.	02	.	.	02	08	6
7	15	48	23	.	14	.	19	05	.	1·23	.	04	7
8	34	15	16	05	13	.	49	03	.	02	.	13	8
9	.	73	.	30	08	04	89	08	.	74	20	.	9
10	18	14	.	.	.	15	06	.	.	94	20	.	10
11	.	.	.	02	.	.	1·25	05	.	49	.	03	11
12	02	.	.	.	.	16	33	.	.	06	.	05	12
13	02	.	04	.	24	05	40	02	09	25	22	.	13
14	29	.	06	.	10	.	12	.	.	08	28	.	14
15	69	.	03	.	.	02	09	27	.	27	66	04	15
16	27	03	25	04	08	47	01	.	.	32	04	.	16
17	07	.	1·85	04	.	72	.	67	10	.	27	.	17
18	03	07	36	.	04	77	.	03	.	.	10	.	18
19	.	03	66	01	.	08	02	02	05	.	06	05	19
20	.	19	.	02	01	02	.	22	26	.	01	01	20
21	.	02	.	04	.	08	.	44	03	.	.	.	21
22	.	.	.	.	.	1·04	.	11	.	14	.	.	22
23	.	08	.	25	07	.	.	06	09	06	.	.	23
24	.	50	.	20	11	43	.	.	1·03	02	03	01	24
25	.	29	.	26	03	.	.	.	95	.	03	05	25
26	.	36	.	62	.	.	.	.	.	35	09	01	26
27	.	05	.	.	06	.	.	.	04	02	.	.	27
28	.	.	.	15	.	.	15	.	03	16	.	.	28
29	.		.	08	.	.	17	.	.	08	.	05	29
30	05	×	05	03	14	.	31	.	.	30	.	30	30
31	44	×	23	×	.	×	39	14	×	23	×	.	31
TOTAL	3·76	5·43	5·08	2·40	2·20	4·07	4·87	2·39	2·77	5·78	2·69	·85	YEAR'S TOTAL 42·29
*Days with ·01 in. or more.	18	19	17	16	17	14	15	19	11	20	18	13	197
*Days with ·04 in. or more.	14	16	14	12	15	12	13	11	9	[illegible]	[illegible]	9	155

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*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3101

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Broadhead

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 957 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	19	.	03	02	.	.	.	11	.	11	08	62		1
2	02	05	14	.	.	.	.	66	08	.	20	70		2
3	10	04	.	.	.	.	.	04	.	10	10	08		3
4	21	.	39	12	06	.	.	05	06	70	.	86		4
5	.	.	07	02	15	.	.	34	.	29	11	18		5
6	.	.	12	10	60	13	.	18	.	26	.	42		6
7	43	05	20	04	.	06	.	.	.	21	21	40		7
8	.	.	08	.	10	54	.	10	03	18	76	07		8
9	.	07	06	14	.	.	.	14	.	06	74	06		9
10	.	03	54	33	.	.	.	17	.	62	20	.		10
11	20	.	12	26	.	.	.	21	.	05	05	19		11
12	02	.	15	28	.	.	1·60	17	.	07	.	05		12
13	33	.	01	04	10	.	20	03	.	30	01	03		13
14	36	.	16	.	10	03	.	.	.	55	22	09		14
15	75	.	67	.	90	.	.	19	40	01	05	35		15
16	44	.	11	.	23	.	.	.	.	.	09	07		16
17	53	.	41	04	16	.	17	01	25	09	.	30		17
18	33	.	28	06	60	14	14	08	.	01	.	30		18
19	.	02	47	01	10	56	.	.	54	20	.	03		19
20	.	.	05	14	32	.	.	11	32	21	03	02		20
21	04	.	.	03	09	73	.	04	06	14	02	.		21
22	07	.	05	.	03	.	.	60	66	16	02	.		22
23	03	.	09	48	.	01	57	04	01	20	10	05		23
24	.	19	08	12	.	15	02	.	45	11	01	.		24
25	07	08	.	08	01	.	33	.	28	43	.	38		25
26	20	.	66	35	.	24	60	.	43	08	10	11		26
27	.	03	.	41	01	40	80	.	10	45	04	26		27
28	.	.	.	15	.	16	16	22	.	33	.	47		28
29	.		03	.	.	.	13	60	44	16	.	20		29
30	13	✕	.	.	.	.	15	48	17	39	.	27		30
31	03	✕	.	✕	.	✕	42	.	✕	04	✕	27		31
TOTAL	4·48	·56	4·37	3·19	3·56	3·15	5·29	4·57	4·28	6·51	3·14	6·83	Year's Total 49·93	
*Days with ·01 in. or more.	20	9	24	21	16	12	13	22	16	29	20	27	229	
*Days with .04 in. or more.	16	6	21	16	13	10	12	20	14	27	15	24	194	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Chas. J. Ashley.

[P.T.O.

Section **A** **for the entry of Daily Observations.**

COPY FOR OFFICIAL USE.

Station No. 3101

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Broadhead
in the County of Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 957 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	60	36	04	08	.	04	03	.	05	74	18	34	1
2	03	13	03	.	.	24	04	.	11	22	12	51	2
3	11	74	10	09	.	05	63	.	36	02	18	20	3
4	.	01	02	02	.	16	13	.	49	35	.	03	4
5	.	64	22	30	.	41	07	.	40	09	21	30	5
6	04	02	.	07	.	40	.	.	.	.	.	01	6
7	01	.	.	10	.	28	.	.	.	31	32	27	7
8	03	.	.	10	.	04	.	.	.	40	04	46	8
9	03	.	.	38	.	08	.	.	.	2·12	12	.	9
10	.	10	.	45	.	03	.	.	.	64	05	.	10
11	58	20	.	.	.	14	.	01	.	32	15	15	11
12	.	19	.	.	.	78	.	.	10	03	01	.	12
13	15	12	.	08	47	04	.	.	06	22	.	.	13
14	.	.	.	07	13	15	.	.	18	03	1·13	22	14
15	.	1·61	.	31	09	.	02	.	32	21	23	36	15
16	03	39	15	47	03	33	15	02	58	04	48	.	16
17	.	11	.	53	48	29	06	01	45	06	85	.	17
18	03	02	.	18	07	18	28	.	60	66	11	.	18
19	.	11	.	32	.	38	40	.	.	15	28	.	19
20	03	78	.	30	.	20	07	.	.	.	92	.	20
21	.	34	01	02	.	.	.	01	1·01	22	28	18	21
22	02	16	17	.	.	.	.	.	08	.	03	.	22
23	04	.	1·19	50	.	.	.	46	04	23	.	.	23
24	57	58	03	.	.	.	.	.	1·93	05	.	13	24
25	18	09	46	.	.	25	.	.	.	.	09	06	25
26	.	.	.	.	.	.	11	1·29	49	66	27	22	26
27	.	08	.	.	.	14	54	.	54	1·29	45	19	27
28	05	04	.	.	.	.	.	67	17	65	16	03	28
29	.		08	.	.	.	.	01	15	87	15	18	29
30	10	✕	.	01	.	17	.	19	43	65	1·15	07	30
31	05	✕	03	✕	.	✕	.	.	✕	42	✕	28	31
TOTAL	2·68	6·82	2·53	4·38	1·27	4·78	2·53	2·67	8·54	11·65	7·96	4·19	YEAR'S TOTAL 60·00
*Days with ·01 in. or more.	19	22	13	20	6	22	13	9	21	27	25	20	217
*Days with .04 in. or more.	11	19	8	17	5	21	11	4	21	24	23	17	181

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*See Instruction 2 (*f*) on other side.

(*Signed*) Chas. H. Battley.

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3101

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Broadhead

in the County of York

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 957 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.	12	05	73	.	.	.	33	08	.	24	47		1
2	02	05	08	09	.	85	.	22	66	.	04	25		2
3	01	01	.	.	.	85	06	23	76	.	.	24		3
4	35	17	22	.	.	64	02	22	64	02	33	43		4
5	08	04	81	.	05	.	.	21	54	02	01	40		5
6	13	.	08	.	02	04	19	63	77	.	15	.		6
7	04	.	09	.	.	.	44	.	1·07	02	14	19		7
8	31	.	16	.	.	.	02	.	04	02	53	20		8
9	27	.	05	.	.	01	03	.	15	03	1·38	.		9
10	10	.	01	.	.	.	51	.	.	.	1·05	.		10
11	.	.	.	04	.	20	68	04	05	.	58	03		11
12	.	.	.	21	07	50	54	05	44	09	42	04		12
13	03	.	01	18	04	06	14	.	.	28	04	32		13
14	.	.	.	16	.	39	06	09	56	24	44	1·26		14
15	17	01	05	24	03	14	16	10	07	.	61	14		15
16	06	06	03	09	03	02	04	.	.	05	86	.		16
17	10	61	02	03	07	.	11	11	.	71	10	24		17
18	.	08	.	02	.	11	30	10	.	91	.	04		18
19	04	26	05	06	.	17	38	43	.	16	.	.		19
20	16	04	.	02	.	.	03	01	04	07	.	.		20
21	15	.	03	14	.	02	.	.	.	08	.	.		21
22	16	52	06	03	08	1·69	14	.	.	.	.	12		22
23	.	04	31	24	13	.	50	01	.	09	.	.		23
24	19	10	.	10	55	.	03	10	23	89	.	08		24
25	18	.	05	08	.	05	13	.	65	35	.	07		25
26	03	30	46	05	.	.	04	.	16	79	.			26
27	69	.	08	.	.	.	.	.	16	40	.	.		27
28	69	63	07	.	.	.	09	.	.	.	02	12		28
29	12	40	1·02	.	05	52	03	.	.	12	24	23		29
30	36	✕	01	.	84	02	29	01	.	99	10	07		30
31	09	✕	06	✕	.	✕	13	05	✕	.	✕	41		31
TOTAL	4·53	3·44	3·81	2·51	1·96	5·68	5·09	2·94	6·47	6·33	7·28	5·35	Year's Total 55·44	✓
* Days with .01 in. or more.	25	17	24	18	12	18	26	18	18	21	19	21	237	✓
* Days with .04 in. or more.	21	15	18	14	9	14	20	15	18	16	17	20	197	✓

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) Chas. J. Hattey. [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3101

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Broadhead

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 957 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	08	19	13	.	.	02	04	.	49	02	.	12		1
2	38	44	19	13	.	.	01	.	02	01	.	16		2
3	.	13	04	15	06	72	04	.	.	.	.	09		3
4	35	08	09	09	17	02	09	03	.	.	.	65		4
5	1·42	.	20	.	.	.	03	.	.	.	.	04		5
6	13	.	08	16	10	.	04	30	03	03	08	13		6
7	10	37	.	58	08	08	.	.	12	.	03	11		7
8	.	70	.	11	.	09	08	.	.	.	06	07		8
9	03	29	03	05	18	.	56	29	.	.	.	.		9
10	09	18	.	.	04	06	04	.	.	04	03	30		10
11	.	.	50	.	41	.	04	.	.	.	.	10		11
12	12	30	12	04	12	06	09	01	26	.	.	17		12
13	.	11	.	03	05	73	.	04	03	03	.	18		13
14	.	15	13	.	.	.	.	26	21	02	.	23		14
15	17	49	.	35	.	.	64	.	11	.	.	09		15
16	14	59	14	61	10	01	.	24	18	.	.	08		16
17	08	04	45	33	.	26	.	04	32	.	.	.		17
18	81	32	38	24	.	.	01	23	18	.	47	.		18
19	14	30	03	26	.	18	09	10	05	.	93	.		19
20	13	22	.	16	70	19	.	.	.	.	.	07		20
21	03	08	06	11	02	.	38	.	.	.	.	19		21
22	02	01	38	08	05	.	31	.	.	46	17	20		22
23	10	.	01	.	21	.	25	.	.	92	64	.		23
24	07	25	21	.	02	01	14	.	23	16	.	07		24
25	11	53	.	.	.	.	01	11	.	08	.	04		25
26	.	41	10	.	55	.	.	10	13	.	.	06		26
27	.	60	.	18	.	.	.	.	01	85	.	06		27
28	.	57	.	.	.	07	.	.	.	18	.	.		28
29	06		.	.	02	04	.	.	.	06	11	05		29
30	09	X	.	.	.	40	.	27	.	18	87	10		30
31	45	X	.	X	.	X	.	07	X	13	X	02		31
TOTAL	5·10	7·35	3·27	3·66	2·88	2·94	2·89	2·09	2·37	3·17	3·39	3·38	Year's Total 42·49	✓
*Days with ·01 in. or more.	23	24	19	18	17	16	19	14	15	15	10	25	2·15	✓
*Days with .04 in. or more.	20	23	16	17	14	12	15	12	11	[illegible]	[illegible]	24	182	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3101

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1938.

Kept at Broadhead

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 957 ft.

OLDHAM CORPORATION
ENGINEER'S OFFICE
4 JAN 1939
PIETHORNE, NR. ROCHDALE
WATERWORKS

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.	05	.	12	05	82	08	13	.	03	22	39		1
2	19	14	.	45	14	55	03	.	.	1·25	10	44		2
3	07	.	.	.	.	04	08	.	25	1·44	19	04		3
4	12	.	.	07	.	05	33	28	.	44	49	1·38		4
5	.	06	.	10	.	11	32	49	06	84	02	10		5
6	33	.	.	.	.	07	23	05	06	34	03	05		6
7	39	.	.	.	.	.	41	03	46	44	.	02		7
8	29	03	.	.	.	.	32	.	.	1·16	.	24		8
9	14	48	19	.	.	41	19	05	.	14	.	32		9
10	.	14	03	.	.	23	70	.	.	12	.	06		10
11	23	09	.	.	02	04	26	01	07	09	08	04		11
12	24	.	.	.	25	.	.	10	01	1·46	21	02		12
13	03	03	.	.	04	.	04	.	14	34	40	29		13
14	25	04	.	.	15	.	21	.	13	05	08	04		14
15	48	.	02	.	02	.	22	41	.	07	.	33		15
16	1·29	.	10	.	21	.	12	44	.	08	08	16		16
17	.	04	.	.	25	.	15	23	09	60	06	02		17
18	17	.	.	.	16	13	.	67	04	62	32	.		18
19	.	.	.	.	.	.	.	30	04	.	.	14		19
20	24	.	.	.	.	.	.	06	07	.	50	04		20
21	05	.	09	.	.	.	.	08	01	.	06	02		21
22	.	03	.	03	.	28	.	.	.	.	23	08		22
23	02	.	.	02	25	65	.	02	·06	.	68	03		23
24	12	02	36	.	16	21	53	46	·04	01	31	02		24
25	30	49	09	.	.	05	13	03	.	46	94	03		25
26	38	·50	29	.	03	07	16	.	14	34	22	11		26
27	37	29	04	.	81	89	19	19	04	01	54	.		27
28	43	22	15	.	50	85	10	37	31	04	·09	18		28
29	17		33	.	1·53	22	18	.	.	22	12	35		29
30	35	×	.	.	21	13	02	.	35	.	22	20		30
31	37	×	06	×	36	×	.	.	×	66	×	86		31
TOTAL	7·02	2·65	1·75	·79	5·14	5·80	5·00	4·40	2·40	11·61	6·22	6·09	Year's Total 58·84	
*Days with ·01 in. or more.	25	16	12	6	18	19	23	20	19	25	24	29	236	
*Days with .04 in. or more.	23	12	10	4	15	19	21	16	14	22	22	22	203	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Charles Burfield [P.T.O.

Section **A** **for the entry of Daily Observations.** **FOR OFFICIAL USE.**

AIR MINISTRY,—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1939.

3101

Kept at Broadhead

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 957 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	30	.	30	04	.	.	03	22	07	04	.	78	1
2	08	.	02	13	.	.	57	43	59	10	10	16	2
3	03	.	.	06	.	.	.	49	03	02	04	78	3
4	04	03	44	83	.	.	91	02	.	04	02	71	4
5	.	.	.	02	30	.	24	07	.	23	28	09	5
6	49	24	02	.	.	.	57	.	.	.	28	.	6
7	38	36	28	.	04	.	12	.	.	01	22	24	7
8	52	25	27	04	.	.	79	04	.	10	37	71	8
9	16	70	.	.	.	.	09	38	.	41	12	82	9
10	28	04	.	.	.	21	.	74	60	12	03	12	10
11	65	09	25	.	.	19	.	.	10	.	.	03	11
12	54	16	.	.	.	29	.	.	.	.	05	.	12
13	04	.	06	45	19	23	05	.	06	24	06	.	13
14	67	02	04	17	62	39	09	.	.	12	20	.	14
15	13	10	04	83	29	90	14	.	07	.	11	.	15
16	20	03	05	.	76	.	03	.	02	.	09	.	16
17	87	36	06	06	17	03	12	.	.	38	10	.	17
18	19	33	09	.	.	37	30	.	01	01	89	.	18
19	28	.	02	.	.	02	35	.	02	04	02	04	19
20	02	.	02	.	02	45	39	15	08	.	.	.	20
21	10	06	60	14	17	05	17	04	13	.	.	.	21
22	17	36	26	04	02	.	12	.	02	03	62	.	22
23	04	72	06	42	.	04	29	.	.	63	25	04	23
24	04	10	05	14	.	09	.	03	.	06	02	.	24
25	24	31	02	.	.	05	.	.	.	.	2·08	05	25
26	10	06	02	.	03	.	.	01	.	39	59	03	26
27	06	1·27	59	02	.	29	14	06	.	32	44	07	27
28	02	20	55	08	.	59	69	.	.	.	78	.	28
29	.	X	02	.	.	07	1·28	.	.	37	46	.	29
30	.	X	.	.	.	13	29	.	.	.	34	.	30
31	.	X	.	X	.	X	30	04	X	09	X		31
TOTAL	6·64	5·49	4·13	3·47	2·61	4·39	8·07	2·72	1·80	3·75	8·56	4·67	YEAR'S TOTAL 56·60
*Days with ·01 in. or more.	27	21	24	16	11	18	24	14	13	21	26	15	230
*Days with ·04 in. or more.	24	18	17	14	8	16	22	11	8	17	22	13	190

40-9999

(Signed) Charles Busfield [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3101

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Broadhead

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 957 ft.

Jan 24th & 26th est'd from nearby stns

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	·	·	·16	·	·	·	·	·03	·	·47	·32		1
2	·	·	·	·16	·	·	·12	·	·	·	·57	·22		2
3	07	10	·01	·17	·	·	·12	·	·	·11	·07	·27		3
4	·	05	·	·17	·	·	·10	·	·01	·24	·29	·32		4
5	·	·	·	·	·16	·	·17	·	·01	·61	·14	·65		5
6	09	15	·	·01	·	·	10	·	·	1·04	·11	·19		6
7	20	30	01	·28	·16	·	10	·32	·19	·03	·02	·01		7
8	05	·	02	·09	·01	·	·	·06	·	·23	·02	·26		8
9	·	·	·26	·02	·	·	·71	·44	·33	·45	1·25	·32		9
10	·	·	·04	·01	·	·	·38	·41	·08	·25	·72	·70		10
11	·	07	·07	08	·	·03	·42	·	·	·	1·52	·10		11
12	·	02	·80	·	·	·	·14	·04	·73	·	·66	·		12
13	·	04	·21	·05	·	·	·	·10	·59	·	·11	·		13
14	·	05	·02	·37	·21	·	·02	18	·16	·	·08	·57		14
15	·	·	·09	·10	·07	·02	·	·	·02	·02	·08	·07		15
16	05	03	·10	·08	·	·	·45	·	1·76	·62	·33	·09		16
17	·	·	·68	·01	·01	·	·47	·	·25	·	·69	·		17
18	14	16	·30	·78	·	·	·03	·38	·22	·	·08	·38		18
19	02	15	·23	·06	·	·	·54	·	·33	·07	·33	·02		19
20	·	07	·06	·24	·	·03	·61	·62	·23	·17	·13	·		20
21	03	·	·37	·04	·	·40	·24	·06	·04	·13	1·05	·		21
22	·	08	·07	·01	·09	·18	·	·09	·47	·04	·	·01		22
23	·	41	·03	·11	·03	·	·09	·	·12	·09	·23	·02		23
24	(·77) ~~14~~	02	·	·05	·	·01	·	·01	·06	·04	·	·06		24
25	03	·	·	·	·02	·05	·	·01	·	·08	·	·		25
26	(·78) ~~38~~	13	·03	·02	·03	·09	·	·	·02	·01	·03	·02		26
27	× 05	45	·01	·25	·01	·	·21	·	·02	·01	·07	·01		27
28	× 03	48	·	·01	·17	·	·	·17	·	·	·	·04		28
29	·	·	·23	·02	·16	·36	·05	·	·01	·03	·	·70		29
30	02	✕	·	·33	·	·	·	·	·	·45	·01	·47		30
31	14	✕	·27	✕	·02	✕	·	·09	✕	·96	✕	·05		31
TOTAL	2 47 ~~1·44~~	2·46	3·91	3·68	1·15	1·17	5·07	2·98	5·68	5·68	9·06	5·87	Year's Total ~~48·18~~	49·48
* Days with .01 in. or more.	15	18	22	27	14	9	20	15	22	22	25	25	234	
* Days with .04 in. or more.	10	15	15	19	7	5	18	13	15	17	21	19	174	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Charles [illegible]

P.T.O.

FORM 1090. **B**

3102

3102

MARSDEN, RED BROOK

1931 —— 37

780507

*** The following register of mo
&c., is NOT required if dail
values are given on the othe

… and also the space for
… register should be sent:—

18 Peel [illegible] Bradford

RAINFALL IN 19

At Red Brook Reservoir

In the County of Yorksh

Rain Gauge
- Diameter of Funnel 8
- *Height of Top above Ground* 2
- *Height of Ground above Sea Leve*

…in Summer…

…ce… Direction from gauge …

…ce… Direction from gauge …

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.	
	Inches.	Inches.	Date.
JAN.	7·20		
FEB.	6·99		
MAR.	0·57		
APRIL	3·43		
MAY	4·55		
JUNE	7·21		
JULY	7·69		
AUG.	7·50		
SEPT.	5·50		
OCT.	3·23		
NOV.	6·20		
DEC.	3·38		
Total	63·45		

Signature J Alexander

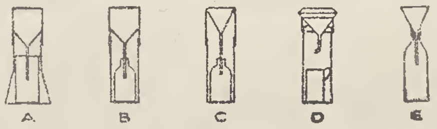
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move…… Distance…… Direction……

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3102

FORM 1090. **B** Summary.

⁎ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Red Brook Reservoir Marsden

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 2 *ft.* 0 *in.*
Height of Ground above Sea Level 1150 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·20				
FEB.	6·99				
MAR.	0·57				
APRIL	3·43				
MAY	4·55				
JUNE	7·21				
JULY	7·69				
AUG.	7·50				
SEPT.	5·50				
OCT.	3·23				
NOV.	6·20				
DEC.	3·38				
Total	63·45				

Signature J Alexander Esq

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J Alexander Esq.
District Engineer 15 Peel Place Bradford

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3102

FORM 1090. **B** Monthly Summary.

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Red Brook Reservoir Marsden

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 2 *ft* 0 *in.*
Height of Ground above Sea Level 1150 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	7-08				
FEB.	0-49				
MAR.	1-34				
APRIL	6-48				
MAY	4·94				
JUNE	0-65				
JULY	5-58				
AUG.	2·28				
SEPT.	7-18				
OCT.	8-31				
NOV.	3-74				
DEC.	3·65				
Total	51-72				

Signature for J. ALEXANDER

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

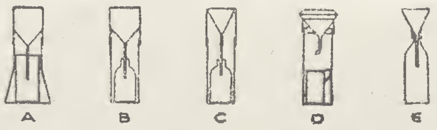
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

3102

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Red Brook Reservoir, Marsden

In the County of Yorkshire

Rain Gauge:
Diameter of Funnel 8 in.
Height of Top above Ground 2 *ft.* 0 *in.*
Height of Ground above Sea Level 1150 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·97				
FEB.	4·50				
MAR.	4·38				
APRIL	1·65				
MAY	1·78				
JUNE	3·59				
JULY	4·06				
AUG.	3·03				
SEPT.	2·83				
OCT.	5·70				
NOV.	3·01				
DEC.	0·19				
Total	37·69 ✓				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

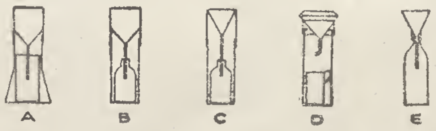
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 } ·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110

D

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Marsden Red Brook Reservoir

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 1150 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·65				
FEB.	0·42				
MAR.	3·59				
APRIL	2·21				
MAY	3·77				
JUNE	2·81				
JULY	2·92				
AUG.	5·87				
SEPT.	3·26				
OCT.	5·75				
NOV.	4·32				
DEC.	5·52				
Total	45·09				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

3102

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

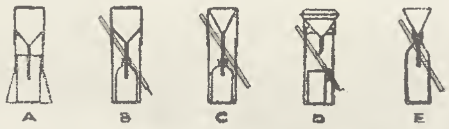
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

New M.O. gauge installed on 26/1/34 according to inspection

Reports Before 26.1.34	From 26/1/34
8	5
2·0	1·0
1150	1150

NB. much improved from Jan onwards.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

M.O.
9 M

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

3102

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Red Brook Reservoir, Marsden

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1150 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3-51				
FEB.	6-10				
MAR.	3-33				
APRIL	4-30				
MAY	0-99				
JUNE	4-23				
JULY	1-95				
AUG.	2-45				
SEPT.	6·60				
OCT.	8-25				
NOV.	11·34				
DEC.	4·10				
TOTAL	57-15				

Signature ....

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter........................in Summer....................

Nearest Railway Station.............................. Distance.................. Direction from gauge..........

Nearest Parish Church at.............................. Distance.................. Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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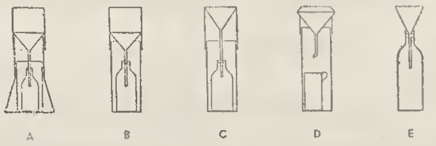

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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- *(b)* *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
  - (A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  - (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.
- *(c)* *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.
- *(d)* If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.
- *(e)* *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.
- *(f)* *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*
- *(g)* If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.
- *(h)* The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3102

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Red Brook Reservoir Marsden

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1150 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5-95				
FEB.	2-16				
MAR.	3·45				
APRIL	3.36				
MAY	0-88				
JUNE	5-11				
JULY	5-30				
AUG.	2·99				
SEPT.	5-91				
OCT.	5-95				
NOV.	8-38				
DEC.	4-65				
TOTAL	64-09				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

....

....

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................... Distance.............. Direction from gauge..............

Nearest Parish Church at.................... Distance.............. Direction from gauge..............

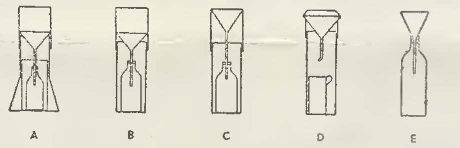
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91.
S.O. Code No. 40-9999

3102

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Red Brook Reservoir, Marsden

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1150 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5-38				
FEB.	5-75				
MAR.	4-08				
APRIL	3-58				
MAY	2·94				
JUNE	2-70				
JULY	3·63				
AUG.	1-52				
SEPT.	2-31				
OCT.	2-92				
NOV.	2·53				
DEC.	4-11				
TOTAL	41-45 ✓				

Signature ....

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter.......................in Summer.......................

Nearest Railway Station.......................... Distance.......................... Direction from gauge..........................

Nearest Parish Church at.......................... Distance.......................... Direction from gauge..........................

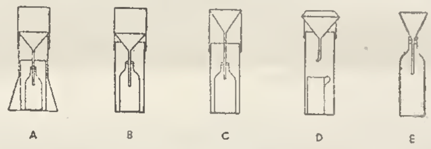
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.......................... Distance.......................... Direction..........................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

M.O. 7
-8 JAN 1938

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3103

Section **A** for the entry of

PY FOR OFFICIAL USE.

AIR MINISTR

ORGANIZATION.

FORM 1090.

REGIS

3103

DENSHAW C. of E, SCHOOL

1931 —— 40

780507

Kept at Denshaw C.

in the County of West Y

Diameter of Funnel of Gauge

Height of top of Gauge above Groun

,, Ground ,, Sea L

THE MORNING MEASU

An observer who does not conform to
year in the space on the right of th

lowing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·09	—	—	0·13	—	0·64	—	—	0·11	0·11	—	—	1
2	—	0·12	0·02	0·66	0·04	1·20	—	—	1·00	0·05	0·04	0·10	2
3	—	—	—	0·09	—	0·01	0·56	—	0·80	0·01	1·60	0·50	3
4	—	0·11	—	0·42	—	—	0·12	0·04	1·67	0·06	0·11	0·40	4
5	—	0·08	—	—	0·25	1·05	0·02	0·35	0·07	—	—	0·40	5
6	0·01	0·08	0·02	—	—	0·33	1·18	0·05	0·18	0·76	0·30	—	6
7	—	—	0·03	—	—	0·61	0·02	0·58	—	0·33	0·08	—	7
8	0·05	0·34	0·01	0·12	0·05	0·01	0·34	0·49	0·03	0·12	0·31	—	8
9	—	0·88	0·03	0·26	—	0·40	—	0·68	0·01	0·05	0·30	0·07	9
10	0·16	0·22	0·01	—	0·29	0·31	—	0·07	0·09	0·01	0·33	—	10
11	0·66	0·84	—	0·03	—	0·09	0·11	0·02	0·38	—	0·69	0·03	11
12	0·07	0·31	—	0·02	—	—	0·74	—	0·28	0·30	0·23	—	12
13	—	—	0·17	—	0·72	0·03	0·29	0·10	—	—	—	—	13
14	0·22	0·12	0·01	0·01	0·06	0·86	0·02	0·79	0·04	—	0·47	0·02	14
15	0·48	0·38	—	0·15	0·16	0·01	0·05	0·48	—	—	0·01	0·10	15
16	0·86	0·20	—	0·36	0·54	0·68	0·19	0·98	0·33	—	—	—	16
17	0·03	0·14	—	0·23	0·04	0·15	0·45	0·55	0·04	—	0·08	—	17
18	0·42	0·03	—	0·41	—	0·51	0·64	0·13	—	—	0·85	—	18
19	0·23	0·27	—	0·12	—	0·03	0·04	1·28	0·04	0·04	—	—	19
20	0·02	0·21	0·03	0·09	—	0·09	—	0·23	—	—	0·11	0·01	20
21	0·60	0·16	0·07	—	0·15	0·19	0·02	0·32	—	—	—	—	21
22	0·17	0·16	—	0·05	0·10	0·13	0·06	—	—	—	0·05	—	22
23	0·60	—	0·02	0·21	0·21	0·33	0·42	—	—	—	0·83	0·25	23
24	0·09	0·51	—	0·07	0·61	—	0·06	—	—	—	0·01	0·23	24
25	0·16	1·39	—	0·30	0·05	—	0·04	—	—	—	0·07	0·06	25
26	0·09	0·10	—	0·28	—	—	—	—	—	—	0·65	0·03	26
27	0·64	0·09	—	0·02	0·09	—	0·55	—	—	0·31	1·04	0·15	27
28	0·57	0·25	—	0·11	0·14	—	0·17	—	0·03	—	—	—	28
29	0·30	×	—	—	0·15	—	0·21	—	—	0·88	0·06	0·21	29
30	0·01	×	—	0·10	—	—	—	—	0·09	—	0·02	—	30
31	0·35	×	—	×	0·12	×	0·05	—	×	0·02	×	0·10	31
TOTAL	6·87	6·91	0·42	4·19	3·17	7·66	6·35	7·14	5·14	3·05	8·24	2·66	YEAR'S TOTAL 61·80
*Days with ·01 in. or more.	24	23	11	23	18	21	24	17	17	14	23	16	231
*Days with ·04 in. or more.	20	22	3	19	18	16	20	16	14	11	20	12	190

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) Joel Buckley

THE HEAD TEACHER

P.T.O.

3103

Section **A** for the entry of PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 193/ .

Kept at Denshaw C. E. School

in the County of West Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 870 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·09	—	—	0·13	—	0·64	—	—	0·11	0·11	—	—	1
2	0—	0·12	0·02	0·66	0·04	1·20	—	—	1·00	0·05	0·04	0·10	2
3	—	—	—	0·09	—	0·01	0·56	—	0·80	0·01	1·60	0·50	3
4	—	0·11	—	0·42	—	—	0·12	0·04	1·67	0·06	0·11	0·40	4
5	—	0·08	—	—	0·25	1·05	0·02	0·35	0·07	—	—	0·40	5
6	0·01	0·08	0·02	—	—	0·33	1·18	0·05	0·18	0·76	0·30	—	6
7	—	—	0·03	—	—	0·61	0·02	0·58	—	0·33	0·08	—	7
8	0·05	0·34	0·01	0·12	0·05	0·01	0·34	0·49	0·03	0·12	0·31	—	8
9	—	0·88	0·03	0·26	—	0·40	—	0·68	0·01	0·05	0·30	0·07	9
10	0·16	0·22	0·01	—	0·29	0·31	—	0·07	0·09	0·01	0·33	—	10
11	0·66	0·84	—	0·03	—	0·09	0·11	0·02	0·38	—	0·69	0·03	11
12	0·07	0·31	—	0·02	—	—	0·74	—	0·28	0·30	0·23	—	12
13	—	—	0·17	—	0·12	0·03	0·29	0·10	—	—	—	—	13
14	0·22	0·12	0·01	0·01	0·06	0·86	0·02	0·79	0·04	—	0·47	0·02	14
15	0·48	0·38	—	0·15	0·16	0·01	0·05	0·48	—	—	0·01	0·10	15
16	0·86	0·20	—	0·36	0·54	0·08	0·19	0·98	0·33	—	—	—	16
17	0·03	0·14	—	0·23	0·04	0·15	0·45	0·55	0·04	—	0·08	—	17
18	0·42	0·03	—	0·41	—	0·51	0·64	0·13	—	—	0·85	—	18
19	0·23	0·27	—	0·12	—	0·03	0·04	1·28	0·04	0·04	—	—	19
20	0·02	0·21	0·03	0·09	—	0·09	—	0·23	—	—	0·11	0·01	20
21	0·60	0·16	0·07	—	0·15	0·19	0·02	0·32	—	—	—	—	21
22	0·17	0·16	—	0·05	0·10	0·13	0·06	—	—	—	0·05	—	22
23	0·60	—	0·02	0·21	0·21	0·33	0·42	—	—	—	0·83	0·25	23
24	0·09	0·51	—	0·07	0·61	—	0·06	—	—	—	0·01	0·23	24
25	0·16	1·39	—	0·30	0·05	—	0·04	—	—	—	0·07	0·06	25
26	0·09	0·10	—	0·23	—	—	—	—	—	—	0·65	0·03	26
27	0·64	0·09	—	0·02	0·09	—	0·55	—	—	0·31	1·04	0·15	27
28	0·57	0·25	—	0·11	0·14	—	0·17	—	0·03	—	—	—	28
29	0·30	×	—	—	0·15	—	0·21	—	—	0·88	0·06	0·21	29
30	0·01	×	—	0·10	—	—	—	—	0·09	—	0·02	—	30
31	0·35	×	—	×	0·12	×	0·05	—	×	0·02	×	0·10	31
													YEAR'S TOTAL
TOTAL	6·87	6·91	0·42	4·19	3·17	7·66	6·35	7·14	5·14	3·05	8·24	2·66	61·80
*Days with ·01 in. or more.	24	23	11	23	18	21	24	17	17	14	23	16	231
*Days with ·04 in. or more.	20	22	2	19	18	16	20	16	14	11	20	12	190

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) Joel Buckley

THE HEAD TEACHER

P.T.O.

File Ref 88583/36

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3163

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Denshaw C E School

in the County of West Yorks

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft 1 in.

" Ground " Sea Level 870. ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	0·83	0·01	—	0·42	0·41	—	0·30	0·04	0·99	0·46	0·13	0·10	1
2	0·90	—	—	—	0·31	—	—	0·03	1·19	0·16	0·26	0·32	2
3	0·10	—	—	—	—	—	0·36	—	0·12	—	0·02	0·22	3
4	0·07	0·02	—	0·05	—	—	0·11	—	0·05	0·06	0·06	0·03	4
5	1·43	—	0·16	0·33	0·06	—	0·02	0·03	0·28	—	0·20	0·01	5
6	1·35	—	0·21	0·49	—	—	0·02	—	0·22	—	—	—	6
7	0·30	—	0·62	0·23	—	—	—	—	0·76	0·66	0·02	—	7
8	—	0·01	—	0·19	0·05	—	—	—	0·12	0·70	—	—	8
9	0·17	0·22	—	0·84	0·06	—	—	—	0·03	—	—	0·10	9
10	0·44	0·05	—	0·13	—	—	—	—	0·78	0·46	0·01	0·06	10
11	0·05	0·08	—	0·09	0·60	0·06	1·44	—	0·02	0·02	0·04	0·02	11
12	0·36	—	—	—	0·56	0·03	·71 0·0	—	0·02	0·68	—		12
13	—	0·10	—	0·08	—	—	0·22	0·03	0·52	0·47	0·07	0·24	13
14	0·06	—	—	0·03	—	—	0·02	0·02	0·02	0·10	0·15	0·04	14
15	—	—	—	0·02	0·66	—	—	—	—	0·20	0·13	0·10	15
16	0·45	—	—	0·25	—	—	0·03	0·06	0·01	0·21	0·02	0·02	16
17	—	—	—	—	0·01	—	0·09	0·04	0·07	0·50	—	0·03	17
18	—	—	—	0·01	0·07	—	—	—	—	—	—	0·10	18
19	—	—	—	0·24	0·20	—	0·01	—	—	0·40	0·01		19
20	—	—	—	0·22	0·46	—	0·11	0·41	—	—	0·08		20
21	0·05	—	0·24	0·03	0·40	—	0·06	0·48	—	0·40	0·11	0·04	21
22	—	—	0·19	0·18	0·05	—	0·24	0·01	—	0·12	0·91	0·12	22
23	—	0·02	—	0·08	0·96	—	0·13	—	—	0·10	0·70	0·09	23
24	0·05	—	—	0·03	—	0·06	0·36	—	0·34	0·05	0·13	0·01	24
25	—	0·05	—	0·14	0·16	0·01	0·06	—	0·09	0·92	0·25		25
26	—	—	—	0·17	0·44	0·03	0·37	—	0·11	0·44	0·35		26
27	—	—	0·40	0·26	0·30	0·13	0·40	—	—	0·04	0·08	0·10	27
28	—	0·01	0·29	0·09	0·20	—	0·34	—	—	—	—	0·14	28
29	0·09	—	0·71	0·03	0·06	0·15	0·23	0·40	0·20	0·92	0·21	0·30	29
30	—	✕	0·28	0·07	—	0·40	0·09	0·14	0·18	0·08	0·37	0·05	30
31	0·02	✕	0·24	✕	—	✕	0·14	0·02	✕	0·01	✕	0·45	31
TOTAL	6·78	0·57	3·34	4·62	6·02	0·87	5·25	1·71	6·12	8·02	3·71	2·69	YEAR'S TOTAL 49·70
*Days with ·01 in. or more.	17	10	10	26	20	8	24	13	21	24	23	23	219
*Days with .04 in. or more.	16	5	10	20	19	5	19	7	10	22	18	17	174

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*See Instruction 2 (*f*) on other side,

(*Signed*) Joel Buckley

P.T.O.

3103

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3103

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Denshaw C. E. School

in the County of Yorkshire (West Riding)

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 870 ft.

Values 24-26 th Feby
may be slightly too small
— but can be accepted.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	0·25	0·86	0·01	—	—	—	—	0·04	0·05	—	0·34	—		1
2	0·24	—	0·34	0·32	—	0·09	—	0·10	—	—	—	—		2
3	—	0·58	0·40	—	0·39	—	—	—	—	—	0·03	—		3
4	0·28	0·20	0·28	—	0·28	—	—	0·01	—	—	0·03	—		4
5	—	0·37	0·07	—	0·05	—	—	—	—	—	0·04	—		5
6	0·04	0·19	0·06	—	0·16	—	—	0·01	—	0·01	—	0·06		6
7	0·16	0·40	0·16	—	0·15	—	0·05	—	—	0·94	—	0·03		7
8	0·34	0·18	0·11	0·11	0·13	—	0·32	0·07	—	—	—	0·02		8
9	—	0·52	—	0·26	0·05	0·02	0·85	0·10	—	0·72	0·20	0·03		9
10	0·17	0·07	—	—	—	0·13	0·06	—	—	1·12	0·10	0·06		10
11	—	—	—	—	—	—	1·16	0·05	—	0·34	0·07	—		11
12	0·02	—	—	—	—	0·19	0·39	—	—	0·04	0·01	0·04		12
13	—	—	0·02	—	0·15	0·01	0·43	0·02	0·07	0·04	0·20	—		13
14	0·34	—	0·04	—	0·09	—	0·13	—	—	0·06	0·28	—		14
15	0·51	—	0·02	—	—	0·02	0·03	0·22	—	0·43	0·61	0·02		15
16	0·28	0·02	0·24	—	0·05	0·57	—	—	—	0·23	0·05	0·01		16
17	0·07	—	1·23	0·02	—	0·80	—	0·62	0·09	—	0·28	—		17
18	—	0·09	0·35	0·01	0·02	0·62	—	0·02	—	—	0·07	—		18
19	—	—	0·64	0·02	—	0·09	0·02	0·10	0·13	—	0·05	0·03		19
20	—	0·18	—	0·01	—	0·01	—	1·00	0·15	0·01	0·01	—		20
21	—	—	—	—	—	0·06	—	0·05	0·01	0·02	—	—		21
22	—	—	—	—	0·05	1·17	—	0·14	—	0·10	—	—		22
23	—	0·04	—	0·32	0·03	—	—	—	0·03	0·03	—	—		23
24	—	—	—	0·19	0·11	0·05	—	—	1·54	—	—	0·01		24
25	—	—	—	0·20	—	0·29	—	—	0·35	—	0·03	0·05		25
26	—	0·75?	—	0·63	—	—	—	—	—	—	0·04	—		26
27	—	—	—	0·01	0·05	—	—	—	—	—	—	—		27
28	—	—	—	0·15	—	—	0·10	—	0·02	0·16	—	—		28
29	—	—	—	0·05	—	—	0·15	—	—	0·07	—	0·05		29
30	0·05	×	0·04	0·02	0·30	—	0·42	—	—	0·37	—	0·26		30
31	0·42	×	0·06	×	—	×	0·26	0·17	×	0·11	×	—		31
TOTAL	3·17	4·45	4·07	2·32	2·06	4·12	4·37	2·72	2·44	4·80	2·44	0·67	Year's Total 37·63	
*Days with ·01 in. or more.	14	14	17	15	16	15	14	16	10	18	18	13	180	
*Days with ·04 in. or more.	13	13	14	9	14	11	12	12	7	14	13	6	138	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Joel Buckley
(Head Teacher)

DM

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3103

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at DENSHAW C of E School

in the County of Yorkshire (West Riding)

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 1 in.

,, Ground ,, Sea Level 870 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.15	—	0.01	—	—	—	—	0.10	—	0.09	0.06	0.94		1
2	0.01	0.03	0.14	—	—	—	—	0.66	0.10	—	0.20	0.64		2
3	0.08	0.01	—	—	—	—	—	0.03	0.05	0.09	0.34	0.10		3
4	0.18	—	0.29	0.11	0.20	—	—	—	—	0.69	—	0.88		4
5	—	—	0.04	—	0.05	—	—	0.33	—	0.25	0.10	0.17		5
6	—	—	0.11	0.12	0.60	0.11	—	0.09	—	0.50	—	0.38		6
7	0.36	0.05	0.17	0.05	—	0.04	—	—	—	0.18	0.30	0.35		7
8	—	—	0.11	—	0.10	0.48	—	0.09	—	0.18	0.76	0.70		8
9	—	0.05	0.19	0.12	—	—	—	0.16	—	0.04	1.10	0.45		9
10	—	—	0.28	0.28	—	—	—	0.25	—	0.58	0.03	0.01		10
11	0.16	—	0.14	0.41	—	—	—	0.30	—	0.03	0.20	0.18		11
12	—	—	0.12	0.21	—	—	0.66	0.05	—	0.15	—	0.05		12
13	0.35	—	—	0.05	0.09	—	0.02	0.02	—	0.05	0.02	0.02		13
14	0.29	—	0.14	—	0.08	0.01	—	—	—	0.85	0.22	0.32		14
15	0.60	—	0.66	—	0.77	—	0.19	0.19	0.79	—	0.06	0.46		15
16	0.53	—	0.14	—	0.28	—	—	—	—	0.01	0.05	0.06		16
17	0.46	—	0.37	0.01	0.18	—	0.34	0.02	0.26	0.09	—	0.27		17
18	0.33	—	0.27	0.10	0.56	0.32	—	—	—	—	0.11	0.25		18
19	—	0.03	0.33	—	0.20	0.30	—	0.10	0.63	0.15	—	0.07		19
20	—	—	0.04	0.14	0.54	0.18	—	0.11	0.20	0.48	0.02	0.01		20
21	—	—	—	0.05	0.21	0.50	—	—	0.49	0.53	—	—		21
22	0.07	—	0.04	—	0.02	0.03	—	0.48	0.15	0.14	0.01	—		22
23	—	—	0.14	0.46	—	—	0.56	0.21	—	0.21	—	—		23
24	—	0.17	0.04	0.21	—	0.13	0.02	—	0.47	0.09	0.05	—		24
25	0.05	0.06	—	0.10	—	—	0.50	—	0.26	0.39	0.09	0.57		25
26	0.15	—	0.05	0.29	—	0.21	0.41	—	0.25	0.18	0.09	0.32		26
27	—	0.01	—	0.37	—	0.44	0.96	—	0.10	0.34	0.03	0.21		27
28	—	—	—	0.39	—	0.05	0.06	0.90	—	0.40	—	1.47		28
29	—	×	0.02	—	—	—	0.19	0.30	0.64	0.52	—	0.32		29
30	0.11	×	—	—	—	—	0.11	0.98	0.21	0.35	—	0.20		30
31	—	×	—	×	—	×	0.54	0.20	×	0.05	×	0.98		31
TOTAL	3.88	0.41	3.84	3.47	3.80	2.80	4.56	5.57	4.55	6.11	3.84	10.38	Year's Total. 53.21	
* Days with .01 in. or more.	16	8	23	18	14	13	13	21	14	28	20	27	215	
* Days with .04 in. or more.	15	4	21	17	13	11	11	18	14	26	15	24	189	

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* See Instruction 2 (f) on other side.

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† Spare column, no entries required.

(*Signed*) Joel Buckley

[P.T.O.

COPY FOR OFFICIAL USE. ✓

Section **A** for the entry of Daily Observations. Station No. 3103

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at DENSHAW C.E. SCHOOL

in the County of West Riding of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 870 ft.

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Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·20	0·40	—	0·03	—	0·04	0·08	—	0·05	0·95	0·16	1·49		1
2	0·50	0·30	0·13	—	—	0·24	0·02	—	0·08	0·21	0·56	0·39		2
3	—	0·81	0·15	0·05	—	0·04	0·66	—	0·40	0·02	0·14	0·16		3
4	—	0·01	0·06	—	—	0·19	0·12	—	0·49	—	—	0·02		4
5	—	0·62	0·17	0·10	—	0·53	—	—	0·38	0·70	0·95	0·29		5
6	0·15	—	—	0·34	—	0·90	0·04	—	—	0·01	—	—		6
7	0·02	—	—	0·41	—	0·94	—	—	—	0·30	0·25	0·25		7
8	—	0·05	—	0·13	—	—	—	—	—	0·34	0·40	0·60		8
9	0·02	0·07	0·05	0·30	—	0·04	—	—	—	2·07	—	—		9
10	—	0·01	0·02	0·35	—	—	—	—	—	0·50	0·23	—		10
11	0·49	0·14	—	—	—	0·14	—	—	—	0·35	0·10	0·14		11
12	0·12	0·24	—	—	—	—	—	—	0·08	—	—	—		12
13	0·15	0·09	—	0·05	0·35	1·14	—	—	0·05	0·18	0·15	—		13
14	—	—	—	0·33	0·12	—	—	—	0·30	0·02	1·18	0·30		14
15	—	1·46	—	0·30	0·08	0·08	0·01	—	0·27	0·20	0·17	0·60		15
16	—	1·74	0·14	0·39	0·18	0·04	0·16	0·02	0·85	—	—	—		16
17	—	0·10	—	0·49	0·40	0·77	0·34	0·01	0·49	0·07	1·17	—		17
18	—	—	—	0·20	—	0·05	0·05	—	—	0·53	0·08	—		18
19	0·05	0·11	—	0·70	0·07	0·39	0·40	—	—	0·15	0·22	—		19
20	0·04	1·13	—	0·25	—	0·18	—	—	0·95	·005	0·72	0·01		20
21	—	0·35	0·01	0·03	—	—	—	0·01	0·07	0·20	0·22	—		21
22	0·01	0·17	0·34	—	—	—	—	—	0·05	—	—	0·10		22
23	0·05	—	1·50	1·94	—	—	—	0·59	1·71	0·26	—	0·01		23
24	0·48	0·55	0·03	0·03	—	—	—	—	—	—	0·01	0·10		24
25	0·05	0·05	0·43	—	—	0·48	—	—	0·52	—	0·12	0·02		25
26	—	—	—	—	—	—	—	1·39	—	0·60	0·16	—		26
27	0·17	0·06	—	—	—	0·13	0·54	—	0·34	0·99	0·05	—		27
28	0·04	0·05	—	—	—	—	—	0·92	0·65	1·10	0·06	0·05		28
29	0·02	✕	0·02	—	—	—	—	—	1·00	0·90	0·26	0·02		29
30	0·11	✕	0·04	0·01	—	0·16	—	0·15	0·28	0·62	0·34	0·10		30
31	0·07	✕	0·01	✕	—	✕	—	—	✕	0·39	✕	0·07		31
TOTAL	2·74	8·51	3·10	6·43	1·20	6·48	2·42	3·09	9·01	11·67	8·15	4·68	Year's Total 67·48	
* Days with .01 in. or more.	19	22	15	20	6	19	10	7	20	25	23	19	204	
* Days with .04 in. or more.	15	20	10	16	6	19	8	4	20	21	22	15	176	

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* See Instruction 2 (f) on other side.

M

† Spare column, no entries required.

(*Signed*) Joel Buckley ~~p.t.o.~~

Head Teacher

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Section **A** for the entry of Daily Observations. Station No. 3103

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Totals

Kept at DENSHAW C. E. S.CHOOL

in the County of West Riding of Yorks

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 1" in.

,, Ground ,, Sea Level 870 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·16	·50	·55		–	–	·45	·10	–	·25	·32		1
2	·17	·03	–	–	–	0·65	–	·07	·01	–	·02	·21		2
3	–	–	·13	–	–	·38	–	·15	·65	–	–	·22		3
4	·20	·03	·22	–	–	·02	·01	·17	·66	–	·29	–		4
5	·40	–	1·00	–	·02	·01	·08	·35	–	–	·02	·95		5
6	·13	–	·12	–	–	·01	·16	·43	·70	–	·12	–		6
7	·01	–	·15	–	–	·01	·60	–	1·00	–	·13	·28		7
8	·36	–	·10	–	–	–	–	–	·03	–	·64	·10		8
9	·20	–	–	–	–	·01	·03	–	·07	·03	1·30	–		9
10	–	–	·03	–	–	–	·08	–	–	–	·86	–		10
11	·05	–	·01	·15	–	·16	·11	·09	·05	–	·63	–		11
12	–	–	–	·20	·08	·52	1·65	–	·43	·08	·30	–		12
13	–	–	–	·13	·03	·01	·13	–	–	·34	·02	·42		13
14	–	–	–	·11	–	·35	·07	·10	·56	·15	·43	1·06		14
15	·20	–	·04	·20	·03	·12	·13	·21	·17	–	·61	–		15
16	·06	·13	·01	·07	·01	–	·03	–	–	·03	·85	–		16
17	–	·60	·01	·01	·05	–	·23	·10	–	·75	·08	·25		17
18	·05	·07	–	·01	–	·17	·30	·10	–	·85	–	–		18
19	·54	·25	·03	·10	–	·08	·30	·41	–	·25	–	–		19
20	·35	·03	–	–	–	–	·01	–	·02	·05	–	–		20
21	·28	–	·03	·11	–	·03	–	–	–	·08	–	–		21
22	·27	·15	·04	·01	·01	2·12	·26	–	–	–	–	·10		22
23	–	·26	·30	·25	·03	–	·46	·04	–	·10	–	–		23
24	·05	·12	–	·08	·50	–	·02	·06	·24	·90	–	·08		24
25	–	·01	·04	·05	–	·04	·14	–	·46	·34	–	·08		25
26	·32	·26	·29	·03	–	–	·15	–	·20	·80	–	–		26
27	·50	–	–	–	–	–	–	–	·08	·35	–	–		27
28	·75	·15	·15	–	–	–	·07	–	–	–	–	·08		28
29	·10	·20	1·00	–	–	·46	–	–	–	·11	·26	·08		29
30	·34	✕	–	–	·72	–	·39	·02	–	·99	·08	·05		30
31	·07	✕	·05	✕	·04	✕	·20	·02	✕	·01	✕	·41		31
													Year's Total	
TOTAL	5·40	2·45	4·25	2·06	1·52	5·15	5·61	2·77	5·43	6·21	6·89	4·69	52·43	✓
* Days with .01 in. or more.	22	15	21	16	11	18	24	16	17	18	18	16	212	✓
* Days with .04 in. or more.	21	11	15	12	5	11	19	14	14	15	15	16	168	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Joel Buckley [P.T.O.

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Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 870 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	0·22	0·15	—	—	—	0·02	—	0·20	0·10	—	—		1
2	0·07	0·39	0·19	—	—	—	—	—	0·07	—	—	0·17		2
3	0·35	0·13	0·06	0·12	0·06	0·65	0·05	—	—	—	0·02	0·22		3
4	—	0·06	0·21	0·04	0·01	0·02	0·07	0·06	—	—	—	0·30		4
5	0·30	—	0·13	—	—	0·02	—	—	—	—	—	0·77		5
6	1·38	—	0·04	0·15	0·17	—	—	0·43	—	—	0·10	0·19		6
7	0·06	0·40	—	0·58	0·07	0·08	—	—	0·12	—	0·08	—		7
8	—	0·68	—	0·08	—	0·02	0·28	—	—	—	—	0·09		8
9	0·06	0·16	0·03	0·05	0·22	—	0·28	0·30	—	—	—	0·04		9
10	0·03	—	0·01	—	0·01	0·15	0·04	0·01	—	—	—	0·30		10
11	—	—	0·67	—	0·27	—	0·03	—	—	—	—	0·10		11
12	0·09	0·32	0·08	0·03	0·15	0·07	0·10	0·04	0·28	0·03	—	0·58		12
13	—	0·44	—	0·02	—	0·61	—	0·14	—	0·05	—	0·20		13
14	—	0·15	0·15	0·01	—	—	—	0·14	0·12	—	0·08	0·20		14
15	0·31	0·44	—	0·54	—	—	0·47	—	0·12	—	—	0·09		15
16	0·08	0·57	0·11	0·42	0·09	—	—	0·24	0·20	—	—	—		16
17	0·07	0·16	0·39	0·27	—	0·07	—	0·04	0·21	—	—	—		17
18	0·60	0·29	0·31	0·11	—	0·02	0·03	0·31	0·20	—	0·44	—		18
19	0·16	0·28	0·03	0·42	—	0·17	0·05	—	—	—	0·50	—		19
20	0·07	0·28	—	0·15	0·57	0·10	0·16	—	—	—	0·10	0·10		20
21	0·03	0·05	0·05	0·12	0·01	—	0·31	—	—	0·07	—	—		21
22	0·03	—	0·33	0·06	0·03	—	0·23	—	—	0·40	0·19	—		22
23	0·05	—	—	—	0·20	—	0·28	—	—	0·39	0·52	0·10		23
24	0·01	0·27	0·21	—	0·01	—	0·10	—	0·26	0·83	—	—		24
25	—	0·38	—	—	—	—	—	0·06	0·10	0·05	—	0·20		25
26	—	0·40	0·09	—	0·56	—	—	0·07	0·06	—	—	0·48		26
27	—	0·82	—	0·15	—	—	0·02	—	—	0·67	—	0·20		27
28	0·07		0·02	—	—	0·07	—	—	—	0·12	—	—		28
29	0·02	—	—	0·01	—	—	—	0·28	—	0·30	0·12	0·10		29
30	—	✕	—	—	—	0·37	—	0·28	—	0·27	0·70	0·12		30
31	0·32	✕	—	✕	—	✕	—	0·17	✕	—	✕	—		31
TOTAL	4·25	6·56	3·26	3·33	2·43	2·42	2·32	2·49	1·95	3·28	2·85	4·55	Year's Total 39·69	✓
* Days with .01 in. or more.	21	22	20	19	15	14	17	15	12	12	11	20	198	✓
* Days with .04 in. or more.	17	22	16	15	10	10	13	14	12	11	10	20	170	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) Joel Buckley [P.T.O.

File Ref. 88383/31.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3103.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Denshaw C. E. School

in the County of West Riding of Yorkshire

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 870 ft.

Totals

N.97.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	0·05	0·01	0·10	–	0·86	–	0·07	–	0·30	0·20	0·34		1
2	0·20	0·10	–	0·50	0·15	0·50	–	–	–	1·78	0·13	0·35		2
3	0·05	–	–	–	–	0·10	0·08	–	0·30	1·57	0·18	0·04		3
4	0·14	–	–	0·15	–	–	0·32	1·43	–	0·40	0·30	1·34		4
5	–	–	–	0·08	–	0·80	0·30	–	0·05	0·68	–	0·08		5
6	0·32	0·05	–	–	–	0·50	0·40	–	–	0·34	–	0·01		6
7	0·30	–	–	–	–	–	0·25	0·10	0·37	0·40	–	–		7
8	0·38	0·01	–	–	–	–	0·10	–	–	1·05	–	0·25		8
9	0·12	0·51	0·18	–	–	–	0·30	0·20	0·10	0·14	–	0·24		9
10	–	0·09	0·04	–	–	–	1·00	–	–	0·13	–	0·05		10
11	0·23	0·30	–	–	–	0·60	0·30	–	0·06	0·13	0·40	0·04		11
12	0·21	0·10	–	–	0·23	–	–	–	–	1·40	0·60	–		12
13	–	0·12	–	–	0·13	–	0·06	–	0·17	0·28	0·14	0·33		13
14	0·41	0·04	–	–	0·30	–	0·17	–	0·03	–	0·05	0·02		14
15	0·53	–	0·04	–	0·19	–	0·20	0·60	–	0·40	–	0·27		15
16	1·27	–	0·09	–	0·28	0·03	0·10	0·30	–	0·18	0·08	0·11		16
17	–	0·03	–	–	0·20	–	0·60	0·40	0·30	0·69	0·05	–		17
18	0·18	–	–	–	0·14	0·40	–	0·53	0·17	0·56	0·50	–		18
19	–	0·10	–	–	–	0·10	–	0·30	0·02	–	0·20	0·17		19
20	0·27	–	0·01	–	–	–	–	–	0·08	–	0·64	0·06		20
21	–	–	0·12	–	–	0·24	–	–	–	–	0·04	0·08		21
22	–	0·06	–	–	–	–	–	–	–	–	0·25	0·05		22
23	0·03	–	–	–	0·25	0·67	–	–	–	–	0·55	0·03		23
24	0·30	0·09	0·35	–	0·03	0·30	0·50	0·30	0·10	0·01	0·22	0·02		24
25	0·12	0·40	–	–	–	0·10	0·17	0·10	0·08	0·47	0·67	0·08		25
26	0·33	0·20	0·20	–	0·02	0·50	0·16	–	0·09	0·32	0·18	0·07		26
27	0·40	0·74	0·35	–	0·15	0·49	0·22	0·30	0·03	–	0·48	–		27
28	0·36	0·16	0·18	–	0·10	0·40	0·09	0·40	0·20	0·10	0·04	0·17		28
29	0·10		0·30	–	1·27	0·60	0·20	–	–	0·20	0·14	0·37		29
30	0·48		0·01	–	0·23	0·03	0·10	–	0·50	0·21	0·34	0·20		30
31	0·37		0·09		0·41		–	–		0·63		0·75		31
TOTAL	7·10	3·15	1·89	0·83	4·08	7·22	5·62	5·03	2·65	12·37	6·38	5·52	Year's Total 61·84	
* Days with .01 in. or more.	23	18	14	4	16	18	21	13	17	24	23	26	217	
* Days with .04 in. or more.	22	16	11	4	14	16	21	13	14	23	23	22	199	

* See Instruction 3 (f) on other side.

† Spare column, no entries required

(*Signed*) Joel Buckley

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3103

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Denshaw C. E School

in the County of West Riding of Yorkshire

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 870 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0·35	–	0·27	0·02	–	–	0·10	0·15	x–	–	–	0·65		1
2	0·17	–	–	0·09	–	–	0·49	0·59	x	0·09	0·09	0·16		2
3	0·08	–	–	0·08	–	–	–	0·35	x– 0·75	–	–	0·80		3
4	0·32	–	0·44	0·55	0·07	–	0·87	–	–	0·11	–	0·95		4
5	–	0·01	–	0·01	0·35	–	0·19	0·04	–	0·11	0·48	0·05		5
6	0·59	0·29	0·03	–	–	–	x	–	–	–	0·09	–		6
7	0·28	0·27	0·26	–	0·06	–	x 0·69	–	–	–	0·27	0·38		7
8	0·50	0·21	0·23	0·01	–	–	0·86	0·05	–	0·35	0·28	x		8
9	0·11	0·68	0·01	0·01	–	–	0·07	0·75	–	0·31	0·06	x 1·30		9
10	0·41	0·02	0·02	–	–	0·04	–	0·47	0·63	0·11	–	0·15		10
11	0·54	0·05	0·25	–	–	0·30	–	–	0·08	–	–	0·02		11
12	0·60	0·12	–	–	–	0·22	–	–	–	–	–	–		12
13	0·02	–	0·05	0·45	0·26	0·16	0·06	–	0·03	0·25	0·06	–		13
14	0·64	0·01	0·04	0·09	0·57	0·44	0·10	–	–	–	0·24	–		14
15	0·15	0·10	0·04	0·85	0·37	0·84	0·16	–	0·06	–	0·12	–		15
16	0·18	0·02	0·06	0·03	0·77	–	–	–	–	–	0·09	–		16
17	0·81	0·33	0·06	0·03	–	0·07	0·20	–	–	0·37	0·06	–		17
18	0·15	0·33	0·08	–	0·02	0·23	0·25	–	0·01	0·03	0·80	–		18
19	0·29	–	–	–	–	0·03	x	–	0·02	–	–	0·02		19
20	0·02	–	–			0·59	0·56	–	0·07	–	–	–		20
21	0·10	0·06	0·54	0·11	0·19	–	–	–	0·11	–	–	–		21
22	0·16	0·26	0·34	0·06	–	0·01	0·10	0·16	–	0·06	0·71	–		22
23	0·01	0·84	0·07	0·39	–	0·07	0·12	–	–	0·60	0·21	0·03		23
24	0·03	0·14	0·07	0·07	–	–	–	–	–	0·03	0·05	–		24
25	0·49	0·25	0·02	–	–	0·03	–	–	–	–	1·91	0·05		25
26	0·07	0·05	0·02	0·05	0·02	–	–	–	–	0·33	0·57	–		26
27	0·05	1·75	0·68	–	–	0·46	–	–	–	0·26	0·36	–		27
28	–	0·17	0·37	–	–	0·25	x	–	–	0·20	0·80	–		28
29	–	–	0·01	–	–	0·04 0·04	x 2·50	0·01	–	0·35	0·49	–		29
30	–	✕	–	–	–	0·07	0·28	–	–	–	0·38	–		30
31	–	✕	–	✕	–	✕	0·24	–	✕	0·07	✕	–		31
													Year's Total	
TOTAL	7·12	5·96	3·96	2·90	2·68	3·85	7·84	2·57	1·76	3·63	8·12	4·56	54·95	
* Days with .01 in. or more.	26	21	23	17	10	17	21 ✓	9	10 ✓	17	21	13 ✓	205	
* Days with .04 in. or more.	22	17	13	11	8	14	21 ✓	8	7 ✓	15	21	10 ✓	177	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Joel Buckley

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3103

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Denshaw C. E. School

in the County of West Riding of Yorkshire

Diameter of Funnel of Gauge 8" in.

Height of top of Gauge above Ground 1 ft. 1 in.

,, Ground ,, Sea Level 870 ft.

Totals

Jan / Snow

Jan pt. est. + apportioned with Feb.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	—	Snow inaccessible 4	—	0·14	—	—	—	—	—	—	0·34	0·34		1
2	—		—	0·24	—	—	0·13	—	—	—	0·36	0·31		2
3	—	✓	—	0·24	—	—	0·10	—	—	0·12	0·21	0·12		3
4	—	0·~~56~~ 36	—	0·07	—	—	0·13	—	—	0·45	0·50	0·50		4
5	—	0·01	—	—	0·16	—	0·05	—	0·01	0·39	0·25	0·60		5
6	0·11	0·22	—	—	—	—	—	—	—	0·78	0·19	0·12		6
7	0·12	0·20	0·02	0·26	0·14	—	0·14	0·36	0·12	0·03	0·09	0·16		7
8	0·02	—	—	0·10	0·01	—	0·02	0·09	0·18	0·22	0·39	0·45		8
9	—	—	0·24	0·01	—	—	0·72	0·58	0·42	0·44	0·19	0·26		9
10	—	—	0·04	—	—	—	0·32	0·37	—	0·21	0·40	0·70		10
11	—	0·06	0·12	0·08	—	—	0·37	—	—	—	1·52	0·02		11
12	—	—	0·72	—	—	—	0·05	0·04	0·78	—	0·62	—		12
13	—	0·03	0·30	0·03	—	—	—	0·09	0·46	—	0·04	0·08		13
14	—	—	0·15	0·34	0·26	—	0·01	0·12	0·15	—	0·08	0·39		14
15	—	—	0·01	0·12	0·02	—	—	—	0·02	—	0·12	0·08		15
16	Snow 0·15	—	0·17	0·11	—	—	0·48	0·16	1·62	0·49	0·31	0·10		16
17	—	—	0·66	0·02	0·09	—	0·50	0·02	0·24	—	0·60	0·01		17
18	Snow 0·10	0·20	0·28	0·91	—	—	0·02	0·36	0·22	—	0·06	0·37		18
19	—	0·19	0·24	0·02	—	0·03	0·70	0·40	0·31	0·09	0·40	—		19
20	—	0·03	0·03	0·24	—	—	0·47	0·39	0·22	0·28	0·06	0·08		20
21	0·02	0·02	0·36	—	—	0·46	0·25	0·47	0·04	0·02	1·18	0·09		21
22	—	0·11	0·07	—	0·09	0·04	—	0·61	0·51	0·04	1·51	0·16		22
23	—	0·36	0·04	0·10	0·03	—	0·09	0·12	0·15	0·06	1·08	0·21		23
24	0·61	0·02	—	0·06	—	—	—	0·06	—	0·04	0·18	0·12		24
25	0·08	—	—	—	—	0·06	—	0·02	—	0·09	—	0·06		25
26	0·59	0·15	0·04	—	0·13	0·03	—	—	—	—	0·05	—		26
27	Snow, Gauge inaccessible 4.	0·63	—	0·08	0·02	—	0·30	—	0·09	0·02	0·07	0·03		27
28	(·30) 4	0·34	—	—	0·07	—	—	0·17	0·02	—	—	—		28
29		—	0·24	0·02	0·11	0·46	0·06	—	0·01	0·02	—	0·09		29
30	(·20) 4	✕	—	0·23	0·01	—	—	—	—	0·54	0·04	0·07		30
31	4	✕	0·22	✕	0·02	✕	—	0·11	✕	0·94	✕	0·03		31
TOTAL	2·30 ~~1·50~~	2·93 ~~3·13~~	3·95	3·42	1·16	1·08	5·21	4·54	5·57	5·24	10·84	5·58	Year's Total ~~51·25~~	51·85
* Days with .01 in. or more.	~~9~~ 13	19	19	21	14	6	20	19	19	20	27	27	224	
* Days with .04 in. or more.	11	13	16	16	8	4	17	17	15	16	27	23	183	

† Spare column, no entries required

*See Instruction 3 (f) on other side.

(*Signed*) Joel Buckley

[P.T.O.

3104

Section **A** for the entry
AIR MINIS

FOR OFFICIAL USE.
LL ORGANIZATION.

FORM 1090.
REG
31 .

—

3104

YORKS, OX HEY

1931 —— 40

780507

Kept at Ox

in the County of

Diameter of Funnel of Gauge

Height of top of Gauge above G

,, Ground ,, S

THE MORNING ME

AY.

An observer who does not confo
year in the space on the right
he following

Jan. 1, following.

Please r

Date	Jan.	Feb.	Ma							ct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	08	02	.	15	.	96	.	.	10	15	.	.	1
2	01	11	.	63	05	1·16	01	.	98	06	16	10	2
3	.	.	.	08	.	04	54	.	60	01	1·69	55	3
4	.	08	.	47	.	01	12	.	1·70	09	24	39	4
5	.	08	.	.	27	98	03	32	06	.	.	42	5
6	.	28	04	.	.	31	1·16	05	19	82	25	02	6
7	.	.	04	.	.	55	09	43	.	33	06	18	7
8	10	39	06	09	05	01	31	54	03	12	20	.	8
9	.	95	04	31	.	43	.	45	04	05	32	04	9
10	14	17	06	.	35	34	01	27	07	.	34	.	10
11	56	82	.	03	.	10	11	03	41	.	69	01	11
12	06	28	.	02	.	.	73	.	13	27	25	.	12
13	.	.	16	01	06	01	17	03	.	.	.	.	13
14	15	12	.	01	14	70	03	85	05	.	41	02	14
15	29	34	.	16	19	02	04	52	.	.	02	10	15
16	64	14	.	33	50	65	18	1·12	30	.	.	.	16
17	10	04	.	20	04	12	45	54	06	.	03	.	17
18	34	03	.	26	.	61	62	13	.	01	89	.	18
19	20	30	.	06	.	01	03	1·52	04	05	.	01	19
20	03	24	01	08	.	06	.	27	.	.	13	.	20
21	75	05	08	.	11	15	03	30	.	.	03	.	21
22	21	14	.	04	15	08	05	.	.	.	02	.	22
23	59	.	03	31	18	34	45	.	.	.	94	25	23
24	08	49	.	11	73	.	08	.	.	.	02	08	24
25	14	1·15	.	35	03	.	04	.	.	.	08	12	25
26	05	15	.	20	.	.	.	.	.	.	63	06	26
27	53	09	.	02	08	.	42	.	.	30	1·19	13	27
28	46	40	.	14	15	01	24	.	04	.	.	06	28
29	33		.	02	17	.	28	.	.	77	05	.	29
30	01	×	.	11	.	.	.	.	11	.	02	.	30
31	42	×	.	×	33	×	03	.	×	03	×	10	31
TOTAL	6·27	6·86	·52	4·19	3·58	7·65	6·25	7·37	4·91	3·06	8·56	2·64	YEAR'S TOTAL 61·86
Days with ·01 in. or more.	24	24	9	25	18	23	26	16	17	14	24	18	238
Days with ·04 in. or more.	21	22	7	19	17	17	19	14	16	11	[illegible]	14	195

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(Signed) Chas. J. Oakley.

P.T.O.

3104

Section **A** for the entry

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Ox Hey
in the County of Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 1031 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	08	02	.	15	.	96	.	.	10	15	.	.	1
2	01	11	.	63	05	1·16	01	.	98	06	16	10	2
3	.	.	.	08	.	04	54	.	60	01	1·69	55	3
4	.	08	.	47	.	01	12	.	1·70	09	24	39	4
5	.	08	.	.	27	98	03	32	06	.	.	42	5
6	.	28	04	.	.	31	1·16	05	19	82	25	02	6
7	.	.	04	.	.	55	09	43	.	33	06	18	7
8	10	39	06	09	05	01	31	54	03	12	20	.	8
9	.	95	04	31	.	43	.	45	04	05	32	04	9
10	14	17	06	.	35	34	01	27	07	.	34	.	10
11	56	82	.	03	.	10	11	03	41	.	69	01	11
12	06	28	.	02	.	.	73	.	13	27	25	.	12
13	.	.	16	01	06	01	17	03	.		.	.	13
14	15	12	.	01	14	70	03	85	05	.	41	02	14
15	29	34	.	16	19	02	04	52	.	.	02	10	15
16	64	14	.	33	50	65	18	1·12	30	.	.	.	16
17	10	04	.	20	04	12	45	54	06	.	03	.	17
18	34	03	.	26	.	61	62	13	.	01	89	.	18
19	20	30	.	06	.	01	03	1·52	04	05	.	01	19
20	03	24	01	08	.	06	.	27	.	.	13	.	20
21	75	05	08	.	11	15	03	30	.	.	03	.	21
22	21	14	.	04	15	08	05	.	.	.	02	.	22
23	59	.	03	31	18	34	45	.	.	.	94	25	23
24	08	49	.	11	73	.	08	.	.	.	02	08	24
25	14	1·15	.	35	03	.	04	.	.	.	08	12	25
26	05	15	.	20	.	.	.	.	.	.	63	06	26
27	53	09	.	02	08	.	42	.	.	30	1·19	13	27
28	46	40	.	14	15	01	24	.	04	.	.	06	28
29	33		.	02	17	.	28	.	.	77	05	.	29
30	01	×	.	11	.	.	.	.	11	.	02	.	30
31	42	×	.	×	33	×	03	.	×	03	×	10	31
TOTAL	6·27	6·86	·52	4·19	3·58	7·65	6·25	7·37	4·91	3·06	8·56	2·64	YEAR'S TOTAL 61·86
Days with ·01 in. or more.	24	24	9	25	18	23	26	16	17	14	24	18	238
Days with ·04 in. or more.	21	22	7	19	17	17	19	14	16	11	18	14	195

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(Signed)

P.T.O.

3104

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Ox Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

„ Ground „ Sea Level 1031 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	52	01	.	41	28	.	25	04	82	50	14	04	1
2	1·15	.	.	.	30	.	02	03	1·47	15	25	43	2
3	10	.	.	.	.	.	39	.	10	.	.	17	3
4	05	03	.	05	.	.	12	.	03	06	29	01	4
5	1·34	01	17	26	03	.	.	02	18	.	.	02	5
6	1·25	.	18	41	06	.	03	.	28	.		.	6
7	27	.	55	17	02	.	.	.	80	33	03	.	7
8	.	02	.	20	.	.	.	.	20	70	01	01	8
9	19	18	.	80	05	.	.	.	02	.	.	09	9
10	52	06	02	13	.	.	.	.	30	48	.	.	10
11	05	06	01	06	60	05	1·45	.	07	02	04	08	11
12	45	01	.	.	65	03	12	01	01	66	02	.	12
13	.	09	.	10	18	.	22	02	49	47	04	.	13
14	06	.	01	02	.	.	03	02	02	09	14	27	14
15	.		.	04	47	.	.	.	.	22	16	.	15
16	50	.	.	16	01	.	02	02	.	21	02	15	16
17	.	.	.	01	.	.	06	07	05	50	01	14	17
18	.	.	.	.	07	.	.	.	01	.	02	.	18
19	.	02	.	24	18	.	01	01	.	46	.	.	19
20	.	.	.	24	52	.	10	42	.	18	06	.	20
21	06	.	28	05	36	.	06	48	.	71	10	04	21
22	02	.	22	22	37	.	18	.	.	08	92	15	22
23	.	03	.	05	65	.	12	.	.	14	12	10	23
24	06	01	.	03	.	05	32	.	27	.	13	02	24
25	.	06	.	12	11	02	08	.	08	95	24	.	25
26	.	01	.	19	32	01	36	.	09	34	28	.	26
27	.	.	45	21	40	13	38	.	.	06	07	21	27
28	.	01	28	08	17	01	27	.	.	.	.	11	28
29	07	.	75	10	04	15	31	46	20	93	21	31	29
30	.	✕	32	01	.	42	10	04	02	06	45	12	30
31	02	✕	22	✕	01	✕	13	.	✕	.	✕	11	31
TOTAL	6·68	·61	3·46	4·36	5·75	·87	5·13	1·64	5·51	8·30	3·75	2·58	YEAR'S TOTAL 48·64
*Days with ·01 in. or more.	18	15	13	26	23	9	24	13	21	23	23	20	228
*Days with ·04 in. or more.	16	5	10	22	19	5	19	6	15	22	17	16	173

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(Signed)

P.T.O.

*See Instruction 2 (*f*) on other side.

3104

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Ox Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1031 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	09	88	.	.	.	.	.	01	07	.	25	.	1
2	47	.	19	28	.	05	.	12	.	.	03	.	2
3	01	56	39	.	35	.	.	.	.	.	03	.	3
4	28	21	37	.	22	.	.	12	.	.	.	.	4
5	30	29	08	.	15	.	.	.	.	.	04	.	5
6	04	15	01	.	18	.	.	.	.	.	01	07	6
7	14	44	19	.	11	.	06	05	.	98	.	03	7
8	32	17	17	03	11	.	35	02	.	.	01	13	8
9	.	46	.	29	06	01	90	08	.	75	19	.	9
10	17	09	.	.	.	14	03	.	.	1·02	16	.	10
11	.	.	.	02	.	.	1·32	03	.	35	.	02	11
12	02	.	.	.	.	16	33	.	.	04	.	03	12
13	.	.	03	.	20	03	44	01	06	27	24	.	13
14	30	.	05	.	06	.	11	.	.	05	29	01	14
15	49	.	02	.	.	02	03	27	.	27	64	02	15
16	26	02	24	02	06	43	.	.	.	20	04	.	16
17	06	.	1·32	02	.	64	.	61	08	.	25	.	17
18	.	06	32	.	01	68	.	03	.	.	07	.	18
19	.	05	66	01	.	06	02	.	08	.	05	04	19
20	.	14	.	02	.	03	.	24	17	.	01	01	20
21	.	02	.	.	.	05	.	40	02	.	01	01	21
22	.	.	.	.	.	1·10	.	10	.	11	.	.	22
23	.	06	.	32	06	.	.	04	06	04	.	.	23
24	.	50	.	21	11	38	.	.	1·03	01	01	.	24
25	.	32	.	19	.	.	.	.	72	.	02	06	25
26	.	34	.	65	.	.	.	.	.	31	06	.	26
27	.	05	.	.	03	.	.	.	02	.	.	.	27
28	.	.	.	26	.	.	13	.	02	12	.	.	28
29	.		.	05	.	.	10	.	01	67	.	06	29
30	05	✕	04	01	28	.	29	.	.	28	.	27	30
31	45	✕	12	✕	.	✕	32	12	✕	15	✕	.	31
TOTAL	3·45	4·81	4·20	2·38	1·99	3·78	4·43	2·25	2·34	5·02	2·41	·76	YEAR'S TOTAL 37·92
*Days with ·01 in. or more.	16	19	16	15	15	14	14	16	12	17	20	13	187
*Days with ·04 in. or more.	14	17	13	8	13	10	11	11	[illegible]	[illegible]	[illegible]	6	139

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*See Instruction 2 (*f*) on other side.

(Signed) [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3104

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Ox Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1031 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	18	.	03	.	.	.	.	12	.	12	06	68		1
2	01	04	13	.	.	.	.	62	08	.	20	62		2
3	10	03	.	.	.	.	.	03	01	10	08	07		3
4	18	.	37	06	06	.	.	02	06	71	.	87		4
5	.	.	05	01	12	.	.	32	.	23	08	14		5
6	.	.	09	12	62	10	.	10	.	25	.	38		6
7	40	03	16	04	.	06	.	.	.	20	29	43		7
8	.	.	08	.	10	45	.	09	.	16	74	06		8
9	.	05	10	12	.	.	.	15	.	04	65	07		9
10	.	01	48	29	.	.	.	14	.	45	18	.		10
11	20	.	10	26	.	.	.	28	.	03	03	21		11
12	.	.	10	30	.	.	91	07	.	05	.	05		12
13	34	.	01	03	07	.	18	03	.	25	02	02		13
14	29	.	11	.	07	02	.	.	.	32	19	08		14
15	54	.	58	.	86	.	.	19	54	01	03	35		15
16	52	.	13	.	17	.	.	.	.	.	08	07		16
17	49	.	35	01	15	.	22	.	28	05	.	35		17
18	30	.	23	10	63	19	07	08	.	.	.	32		18
19	.	02	34	01	09	47	.	01	57	18	.	05		19
20	.	.	03	16	42	.	.	13	28	21	01	01		20
21	02	.	01	.	07	73	.	04	07	13	.	.		21
22	05	.	04	.	01	.	.	49	60	16	.	.		22
23	.	.	11	49	.	.	54	04	.	23	08	03		23
24	.	20	06	10	.	13	01	.	45	09	.	01		24
25	07	05	.	09	01	.	38	.	32	48	.	37		25
26	16	.	05	27	.	23	41	.	42	06	07	09		26
27	.	03	.	35	.	45	74	.	12	44	03	26		27
28	.	.	.	12	.	07	11	22	.	26	.	57		28
29	.		02	.	.	.	13	58	40	12	.	15		29
30	11	×	.	.	.	.	15	52	19	38	.	28		30
31	02	×	.	×	.	×	51	.	×	06	×	23		31
													Year's Total	
TOTAL	3·98	·46	3·76	2·93	3·45	2·90	4·36	4·27	4·39	5·77	2·82	6·82	45·91	
*Days with ·01 in. or more.	18	9	25	19	15	11	13	22	15	28	17	28	220	
*Days with .04 in. or more.	15	4	20	15	13	10	12	18	14	[illegible]	[illegible]	[illegible]	183	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*)

P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE. Station No. 3104

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Ox Hey
in the County of Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 1031 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.48	29	03	05	.	02	03	.	05	74	19	26	1
2	02	12	07	.	.	19	03	.	10	24	10	36	2
3	09	60	12	06	.	04	59	.	42	02	17	13	3
4	.	01	01	01	.	22	11	.	49	30	.	02	4
5	-	54	21	16	.	40	05	.	20	08	20	27	5
6	03	.	.	03	.	45	.	.	.	.	.	01	6
7	01	01	.	20	.	27	.	.	.	33	27	30	7
8	01	.	.	10	.	.	.	.	.	36	03	37	8
9	.	.	02	38	.	08	.	.	.	2·11	11	.	9
10	.	08	01	48	.	02	.	.	.	50	08	.	10
11	46	19	.	.	.	16	.	.	.	29	14	09	11
12	.	18	.	.	.	78	.	.	09	02	.	.	12
13	12	10	.	07	28	01	.	.	13	21	01	.	13
14	.	.	.	12	08	16	.	.	18	03	1·16	26	14
15	.	1·52	.	25	07	.	01	.	27	20	23	27	15
16	.	35	15	39	03	29	17	01	64	03	46	.	16
17	.	11	.	53	41	26	13	03	34	04	60	.	17
18	02	01	.	14	05	12	22	.	62	65	08	.	18
19	01	14	.	43	.	39	40	.	.	09	26	.	19
20	02	91	.	28	.	21	06	.	.	.	66	.	20
21	.	34	.	02	.	.	.	01	85	19	22	17	21
22	01	14	15	04	.	.	.	.	07	.	01	.	22
23	03	.	1·05	98	.	.	.	48	04	26	.	.	23
24	41	36	03	.	.	.	.	.	1·82	04	.	18	24
25	12	12	47	.	.	36	.	.	.	.	08	06	25
26	.	.	.	.	.	.	11	1·42	52	64	24	25	26
27	.	07	.	.	.	12	45	.	50	90	46	17	27
28	04	03	.	.	.	.	.	1·11	15	50	12	02	28
29	01		05	.	.	.	.	.	20	74	13	18	29
30	08	✕	.	.	.	15	.	19	36	59	1·03	06	30
31	04	✕	02	✕	.	✕	.	.	✕	40	✕	30	31
TOTAL	2·01	6·22	2·34	4·62	·92	4·70	2·36	3·25	8·24	10·50	7·04	3·73	YEAR'S TOTAL 55·93
*Days with ·01 in. or more.	19	22	14	20	6	21	13	7	21	27	25	20	215
*Days with .04 in. or more.	9	18	7	17	5	18	10	4	21	23	22	17	171

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*See Instruction 2 (*f*) on other side,

(*Signed*) Chas Batley

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3104

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Ox Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 1031 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	01	12	07	45	.	.	.	42	10	.	24	29		1
2	.	06	06	08	.	96	.	11	.	.	03	19		2
3	01	.	.	.	.	74	06	17	64	.	.	18		3
4	40	20	20	.	.	02	01	18	65	01	33	39		4
5	05	04	83	.	02	.	.	26	46	01	02	24		5
6	14	.	06	.	02	03	18	54	73	.	14	.		6
7	03	.	13	.	.	.	48	.	92	02	13	20		7
8	36	.	16	.	.	.	.	.	03	01	61	16		8
9	31	.	05	.	.	.	02	.	11	02	1·27	.		9
10	07	.	01	.	.	.	38	.	.	.	91	.		10
11	.	.	.	06	.	16	63	04	04	.	55	02		11
12	.	.	.	22	06	46	56	03	45	08	32	03		12
13	02	.	01	11	04	04	13	.	.	28	02	47		13
14	.	.	.	10	.	38	06	08	54	18	41	1·20		14
15	24	.	04	20	02	12	14	16	12	.	59	15		15
16	04	05	01	06	02	.	03	.	02	04	82	.		16
17	10	57	01	02	06	.	15	10	.	66	08	29		17
18	.	09	.	.	.	14	32	10	.	85	.	02		18
19	20	27	03	06	.	12	29	45	.	10	.	.		19
20	18	04	.	02	.	.	03	01	03	04	.	.		20
21	16	.	02	10	.	.	.	.	.	06	.	.		21
22	20	32	04	03	06	1·76	19	.	.	.	.	10		22
23	.	03	33	24	12	.	50	01	.	09	.	.		23
24	17	10	01	09	52	.	02	09	24	88	.	07		24
25	18	.	06	07	.	05	13	.	56	29	.	06		25
26	03	27	28	03	.	.	03	.	14	72	.	.		26
27	72	.	04	.	.	.	.	.	11	32	.	.		27
28	49	40	10	.	.	.	09	.	.	.	01	12		28
29	11	65	1·02	.	06	46	.	.	.	12	22	17		29
30	36	✕	.	.	70	02	29	01	.	95	08	06		30
31	08	✕	04	✕	.	✕	10	02	✕	.	✕	42		31
TOTAL	4·66	3·21	3·61	1·94	1·70	5·46	4·82	2·78	5·89	5·73	6·78	4·83	Year's Total 51·41	✓ ✓
* Days with .01 in. or more.	25	15	24	17	12	15	24	18	18	21	19	21	229	✓
* Days with .04 in. or more.	20	14	17	13	8	12	18	13	15	[illegible]	15	18	179	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3104

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Ox Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 1031 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	07	22	12	.	.	01	03	.	52	01	01	11		1
2	34	46	15	10	.	.	.	.	02	.	.	16		2
3	.	15	03	09	06	74	04	.	.	.	.	07		3
4	28	10	09	09	15	02	07	03	.	.	.	72		4
5	1·37	.	20	.	.	.	03	.	.	.	.	02		5
6	09	.	12	17	09	.	01	21	01	02	07	16		6
7	05	30	03	55	05	08	.	.	13	.	01	12		7
8	.	60	.	10	.	12	06	.	.	.	05	06		8
9	03	18	04	05	16	.	55	31	.	.	.	02		9
10	05	15	02	.	04	04	04	.	.	03	02	38		10
11	.	01	58	.	33	.	04	.	.	.	.	06		11
12	12	30	11	02	12	05	10	02	25	.	.	20		12
13	.	13	.	03	03	66	.	02	01	02	.	18		13
14	.	13	18	01	.	.	.	22	18	02	.	22		14
15	26	52	.	41	.	.	46	.	10	.	.	08		15
16	12	49	14	44	09	.	.	26	14	.	.	03		16
17	07	04	40	22	.	08	.	03	24	.	.	.		17
18	56	31	38	16	.	.	.	27	18	.	45	.		18
19	15	26	04	26	.	18	07	06	03	.	62	.		19
20	07	16	.	14	58	14	.	.	.	.	.	08		20
21	03	06	06	11	.	.	42	.	.	.	.	20		21
22	01	.	32	07	05	.	26	.	.	46	16	18		22
23	07	.	01	.	19	.	27	.	.	85	56	.		23
24	08	18	18	.	01	01	10	.	22	14	.	07		24
25	10	42	.	.	.	.	01	09	01	07	.	04		25
26	.	40	10	.	52	.	.	07	12	.	.	05		26
27	.	55	.	15	.	.	.	.	.	60	.	04		27
28	03	62	.	.	.	05	.	.	.	14	.	.		28
29	08		.	.	.	02	.	.	.	05	13	02		29
30	15	✕	.	.	.	39	.	25	.	18	84	08		30
31	38	✕	.	✕	.	✕	.	08	✕	11	✕	.		31
TOTAL	4·56	6·74	3·30	3·17	2·47	2·59	2·56	1·92	2·16	2·70	2·92	3·35	Year's Total 38·44	✓
*Days with ·01 in. or more.	24	24	21	19	15	15	17	14	15	14	11	25	214	✓
*Days with .04 in. or more.	20	23	17	16	13	11	13	10	10	9	8	11	11	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Chas. J. Oakley.

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3104

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1938.

Kept at Ox Hey

in the County of York

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 1031 ft.

OLDHAM CORPORATION
ENGINEER'S OFFICE
4 JAN 1939
PIETHORNE, Nr. ROCHDALE
WATERWORKS

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.	03	.	09	04	68	04	12	.	05	20	40		1
2	17	09	.	40	14	45	02	.	.	1·32	10	33		2
3	05	.	.	01	.	04	05	.	21	1·68	17	05		3
4	13	.	.	08	.	04	32	26	.	34	43	1·41		4
5	.	04	.	09	.	12	25	57	05	69	02	08		5
6	36	.	.	.	.	07	26	02	05	35	02	03		6
7	33	.	.	.	.	.	36	03	38	45	.	.		7
8	30	02	.	.	.	.	26	.	.	1·15	.	25		8
9	14	45	16	.	.	44	16	05	.	13	.	28		9
10	01	10	02	.	.	12	62	.	.	12	.	06		10
11	20	07	.	.	01	04	25	01	06	08	09	04		11
12	26	.	.	.	26	.	.	12	01	1·53	38	.		12
13	01	04	.	.	04	.	04	.	10	35	29	35		13
14	32	03	.	.	17	.	17	.	10	03	07	03		14
15	50	.	01	.	02	.	21	40	.	10	.	30		15
16	1·28	.	08	.	20	.	12	45	.	03	08	10		16
17	.	03	.	.	21	.	13	19	09	62	05	04		17
18	14	.	.	.	15	11	.	58	01	53	29	.		18
19	.	.	.	.	.	.	.	30	05	.	01	24		19
20	23	.	.	.	.	.	.	05	08	.	52	12		20
21	03	.	09	.	.	.	.	07	01	.	05	14		21
22	.	01	.	02	.	26	.	.	.	.	20	10		22
23	02	.	.	02	22	64	.	03	·06	.	51	02		23
24	21	01	33	.	12	19	52	42	04	.	28	02		24
25	26	55	05	.	.	03	13	03	.	43	76	04	.	25
26	30	43	26	.	05	05	20	.	11	31	19	11		26
27	39	31	03	.	75	82	21	18	04	01	·61	.		27
28	30	20	15	.	43	88	10	27	23	03	05	16		28
29	12		29	.	1·38	20	20	.	.	20	10	33		29
30	32	✕	.	.	14	06	02	.	34	.	21	20		30
31	36	✕	06	✕	42	✕	.	.	✕	69	✕	88		31
TOTAL	6·74	2·41	1·53	·71	4·75	5·24	4·64	4·15	2·05	11·25	5·68	6·11	Year's Total 55·26	
*Days with ·01 in. or more.	26	16	12	7	18	19	23	20	19	24	25	24	236	
*Days with ·04 in. or more.	22	10	9	4	16	18	21	15	16	20	22	23	196	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Charles Bu[illegible]field

P.T.O.

Section **A** for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1939.

3104

Kept at Ox Hey

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 1031 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	27	.	32	03	.	.	03	16	09	07	.	78	1
2	11	.	01	09	.	.	53	47	55	10	08	14	2
3	12	.	.	05	.	.	.	40	02	02	04	59	3
4	42	.	43	64	.	.	98	01	.	04	03	92	4
5	.	.	.	02	36	.	19	05	.	21	29	06	5
6	50	29	02	.	.	.	64	.	.	.	26	.	6
7	37	31	21	.	06	.	14	.	.	.	26	30	7
8	53	28	20	03	.	.	79	05	.	13	34	69	8
9	11	67	.	.	.	.	06	44	.	38	06	76	9
10	32	02	01	.	.	16	.	80	62	12	02	18	10
11	36	09	24	.	.	16	.	.	07	.	.	02	11
12	60	11	.	.	.	19	.	.	.	.	01	.	12
13	03	.	05	45	17	26	04	.	05	18	06	.	13
14	64	01	03	18	53	44	11	.	.	11	22	.	14
15	11	09	04	74	25	93	15	.	06	.	10	.	15
16	24	01	06	.	62	.	02	.	02	.	09	02	16
17	83	36	06	04	11	05	20	.	.	34	08	.	17
18	15	29	09	.	.	35	28	.	02	02	78	.	18
19	30	.	02	.	.	01	32	.	03	02		02	19
20	01	.	01	.	01	52	32	14	07	.	.	.	20
21	10	06	54	11	17	03	04	04	12	.	.	.	21
22	14	24	19	03	02	.	11	.	01	03	68	.	22
23	03	64	06	39	.	04	18	.	.	57	19	04	23
24	05	10	07	11	.	07	.	03	.	05	.	.	24
25	72	26	03	.	.	03	.	.	.	.	2·11	.	25
26	08	06	02	.	02	.	.	09	.	35	55	05	26
27	10	1·62	51	.	.	45	14	04	.	26	37	10	27
28	.	16	40	06	.	40	72	.	.	.	81	.	28
29	.	×	02	.	.	04	1·27	.	.	35	47	.	29
30	.	×	.	.	.	14	29	.	.	.	34	.	30
31	.	×	.	×	.	×	26	03	×	06	×	.	31
TOTAL	7·24	5·67	3·64	2·97	2·32	4·27	7·81	2·75	1·73	3·41	8·24	4·64	YEAR'S TOTAL 54·72
*Days with ·01 in. or more.	26	20	25	15	11	18	24	14	13	20	24	15	225
*Days with ·04 in. or more.	23	17	16	11	8	15	22	11	8	16	21	12	180

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(Signed) Charles Busfield [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3104

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

Form 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Ox Hey

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1031 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	10	·	·12	·	·	·	·	·04	·	·46	·31		1
2	·	04	·	·16	·	·	·10	·	·	·	·59	·23		2
3	06	02	·01	·19	·	·	·08	·	·	·13	·05	·25		3
4	·	16	·01	·09		·	·05	·	·	·22	·26	·24		4
5	·	·	·	·	·16	·	·13	·	·01	·54	·11	·55		5
6	10	14	·	·		·	·08	·	·	·84	·09	·14		6
7	18	25	·	·26	·14	·	·04	·30	·19	·03	·	·		7
8	02	·	·01	·05		·	·02	·04	·	·24	·02	28		8
9	·	·	·26	·02	·	·	·42	·53	·36	·44	1·32	·24		9
10	·	·	·06	·	·	·	·36	·29	·03	·20	·49	·49		10
11	·	09	06	·06	·	·01	·39	·	·	·	1·41	·		11
12	·	04	·43	·	·	·	·13	·03	·69	·	·50	·		12
13	·	02	·20	·03	·	·	·	·08	·42	·	·05	·02		13
14	·	06	·02	·28	·14	·	·03	·15	·12	·	·06	·60		14
15	·	·	·08	·04	·06	·02	·	·	·01	·	·06	·05		15
16	24	11	·14	·08	·	·	·42	·	1·49	·53	·30	·08		16
17	·	02	·41	·01	·04	·	·40	·	·20	·	·64	·01		17
18	32	12	·31	·40	·	·	·03	·32	·22	·	·04	·34		18
19	·	24	·19	·04	·	·01	·43	·	·28	·06	·36	·02		19
20	·	06	·05	·25	·	·04	·69	·50	·21	·18	·09	·		20
21	08	·	·35	·03	·	·34	·22	·04	·05	·10	1·02	·		21
22	·	10	·06	·	·08	·13	·	·06	·45	·03	·	·02		22
23	·	34	·04	·09	·03	·	·06	·	·11	·06	·18	·01		23
24	40	02	·	·03	·	·	·	·	·02	·03	·	·04		24
25	12	·	·	·	·	·03	·	·	·	·06	·	·		25
26	80	14	02	·02	·04	·06	·	·	·02	·02	·03	·		26
27	× 14	46	·	·13	·01	·	·22	·	·	·	·05	·		27
28	× 12	53	·	·02	·08	·	·	·15	·	·	·	·04		28
29	·	·	·25	·01	·20	·39	·04	·	·	·02	·	·42		29
30	08	✕	·	·23	·	·	·	·	·	·59	·02	·36		30
31	12	✕	·26	✕	·02	✕	·	·04	✕	·93	✕	·09		31
													Year's Total	
TOTAL	3·08	3·09	3·82	2·64	1·03	1·06	4·94	2·56	5·22	5·28	8·50	5·22	46·50	
* Days with .01 in. or more.	14	21	21	24	12	9	21	13	19	20	24	23	221	
* Days with .04 in. or more.	13	14	16	16	9	5	18	12	14	15	21	18	144	

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* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) Charles [illegible]

[P.T.O.

3105

Section **A** for the entry c

AIR MINISTI

FORM 1090. **REGIS**

FOR OFFICIAL USE.

L ORGANIZATION.

Kept at Crawsha

in the County of Yo

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform t
year in the space on the right of t

Please read

llowing

Jan. 1, following.

3105

CRAWSHAW HEY

1931 — 40

780507

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	08	02	.	19	.	1·08	.	.	09	12	.	.	1
2	01	12	.	70	05	1·13	01	.	97	06	05	08	2
3	.	.	.	12	.	05	50	.	80	01	1·44	50	3
4	.	09	.	45	.	01	12	.	2·10	07	25	35	4
5	.	08	.	.	26	1·22	03	43	10	.	.	40	5
6	.	26	04	.	.	31	1·15	06	18	75	24	02	6
7	.	.	04	.	.	52	06	48	.	34	06	15	7
8	10	35	06	08	06	01	30	66	03	12	23	.	8
9	.	90	04	30	.	40	.	42	05	05	31	06	9
10	14	18	06	.	31	32	01	25	08	.	31	.	10
11	57	84	.	03	.	09	10	03	37	.	70	01	11
12	09	28	.	03	.	.	71	.	15	28	24	.	12
13	.	.	15	01	06	01	16	04	.	.	.	.	13
14	18	12	.	01	11	73	03	96	05	.	41	02	14
15	35	35	.	16	17	02	05	52	.	.	03	12	15
16	72	16	.	32	52	64	17	95	29	.	.	.	16
17	14	21	.	30	04	13	43	54	05	.	03	.	17
18	38	04	.	50	.	56	55	14	.	01	82	.	18
19	21	28	.	14	.	01	03	1·47	06	05	.	01	19
20	03	23	01	11	.	06	.	26	.	.	12	.	20
21	64	05	08	.	13	16	03	27	.	.	03	.	21
22	19	15	.	04	16	08	04	.	.	.	02	.	22
23	58	.	03	28	18	38	44	.	.	.	86	23	23
24	09	45	.	10	68	.	08	.	.	.	02	07	24
25	17	1·21	.	35	03	.	04	.	.	.	07	12	25
26	06	16	.	22	.	.	.	.	.	.	59	06	26
27	50	10	.	03	09	.	38	.	.	30	1·08	14	27
28	49	40	.	16	17	01	25	.	03	.	.	06	28
29	35		.	02	17	.	23	.	.	75	05	.	29
30	01	X	.	10	.	.	.	.	09	.	02	.	30
31	43	X	.	X	42	X	04	.	X	03	X	09	31
TOTAL	6·51	7·03	·51	4·75	3·61	7·93	5·94	7·48	5·49	2·94	7·98	2·49	YEAR'S TOTAL 62·66
Days with ·01 in. or more.	24	24	9	25	18	23	26	16	17	14	24	18	238
Days with ·04 in. or more.	21	23	7	19	17	17	20	15	[illegible]	11	18	14	197

40-9999

(Signed) Chas. J. Bailey.

P. B.

Section **A** for the entry o

3105

FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Crawshaw Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	08	02	.	19	.	1·08	.	.	09	12	.	.	1
2	01	12	.	70	05	1·13	01	.	97	06	05	08	2
3	.	.	.	12	.	05	50	.	80	01	1·44	50	3
4	.	09	.	45	.	01	12	.	2·10	07	25	35	4
5	.	08	.	.	26	1·22	03	43	10	.	.	40	5
6	.	26	04	.	.	31	1·15	06	18	75	24	02	6
7	.	.	04	.	.	52	06	48	.	34	06	15	7
8	10	35	06	08	06	01	30	66	03	12	23	.	8
9	.	90	04	30	.	40	.	42	05	05	31	06	9
10	14	18	06	.	31	32	01	25	08	.	31	.	10
11	57	84	.	03	.	09	10	03	37	.	70	01	11
12	09	28	.	03	.	.	71	.	15	28	24	.	12
13	.	.	15	01	06	01	16	04	.	.	.	.	13
14	18	12	.	01	11	73	03	96	05	.	41	02	14
15	35	35	.	16	17	02	05	52	.	.	03	12	15
16	72	16	.	32	52	64	17	95	29	.	.	.	16
17	14	21	.	30	04	13	43	54	05	.	03	.	17
18	38	04	.	50	.	56	55	14	.	01	82	.	18
19	21	28	.	14	.	01	03	1·47	06	05	.	01	19
20	03	23	01	11	.	06	.	26	.	.	12	.	20
21	64	05	08	.	13	16	03	27	.	.	03	.	21
22	19	15	.	04	16	08	04	.	.	.	02	.	22
23	58	.	03	28	18	38	44	.	.	.	86	23	23
24	09	45	.	10	68	.	08	.	.	.	02	07	24
25	17	1·21	.	35	03	.	04	.	.	.	07	12	25
26	06	16	.	22	.	.	.	.	.	.	59	06	26
27	50	10	.	03	09	.	38	.	.	30	1·08	14	27
28	49	40	.	16	17	01	25	.	03	.	.	06	28
29	35		.	02	17	.	23	.	.	75	05	.	29
30	01	✕	.	10	.	.	.	.	09	.	02	.	30
31	43	✕	.	✕	42	✕	04	.	✕	03	✕	09	31
TOTAL	6·51	7·03	·51	4·75	3·61	7·93	5·94	7·48	5·49	2·94	7·98	2·49	YEAR'S TOTAL 62·66
Days with ·01 in. or more.	24	24	9	25	18	23	26	16	17	14	24	18	238
Days with ·04 in. or more.	21	23	7	19	17	17	20	15	15	11	18	14	197

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(Signed) Chas. J. Oakley.

P.T.O.

3105

Section **A** for the entry of Daily Observations. COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Crawshaw Hey
in the County of Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	49	01	.	39	33	.	27	03	78	54	14	03	1
2	1·08	.	.	.	52	.	02	03	1·43	16	26	40	2
3	10	.	.	.	.	.	37	.	13	.	.	16	3
4	04	03	.	07	.	.	11	.	03	07	28	01	4
5	1·23	01	17	27	04	.	.	02	16	.	.	02	5
6	1·23	.	18	40	08	.	02	.	29	.	.	.	6
7	28	.	54	21	03	.	.	.	75	30	03	.	7
8	.	02	.	18	.	.	.	.	20	70	01	01	8
9	17	18	.	74	05	.	.	.	02	.	.	11	9
10	46	06	02	14	.	.	.	.	78	47	.	12	10
11	05	06	01	09	54	05	1·67	.	08	02	06	.	11
12	40	01	.	.	59	03	13	01	01	65	02	.	12
13	.	11	.	10	15	.	30	02	48	49	07	26	13
14	06	.	01	02	.	.	04	02	02	09	18	.	14
15	.	.	.	05	51	.	.	.	.	22	20	14	15
16	45		.	23	01	.	04	02	.	20	02	15	16
17	.	.	.	01	.	.	08	08	06	49	01	.	17
18	.	.	.	.	06	.	.	.	01	.	02	.	18
19	.	02	.	23	17	.	01	01	.	42	.	.	19
20	.	.	.	23	52	.	09	61	.	20	07	.	20
21	05		27	05	44	.	07	62	.	75	10	04	21
22	02	.	20	20	27	.	19	.	.	08	89	14	22
23	.	04	.	07	70	.	11	.	.	13	13	10	23
24	05	01	.	04	.	05	31	.	27	.	15	02	24
25	.	06	.	11	12	02	08	.	08	94	23	.	25
26	.	01	.	21	35	01	34	.	09	33	30	.	26
27	.	.	42	19	50	15	37	.	.	07	09	18	27
28	.	01	26	08	17	01	25	.	.	.	.	09	28
29	09	.	69	09	05	14	32	48	26	95	19	29	29
30	.	×	29	01	.	40	08	05	03	08	43	13	30
31	02	×	25	×	01	×	14	.	×	.	×	11	31
TOTAL	6·27	·64	3·31	4·41	6·21	86	5·41	2·00	5·96	8·35	3·88	2·51	YEAR'S TOTAL 49·81
*Days with ·01 in. or more.	18	15	13	26	33	9	24	13	21	23	23	20	228
*Days with ·04 in. or more.	14	6	10	23	20	5	21	5	15	22	17	15	173

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*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

3105

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1990.

REGISTER OF RAINFALL IN 1933.

Kept at Crawshaw Hey
in the County of Yorks

Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	09	83	.	.	.	.	.	01	07	.	27	.	1
2	44	.	22	29	.	05	.	11	.	.	04	.	2
3	01	55	36	.	39	.	.	.	.	.	04	.	3
4	26	19	36	.	21	.	.	15	.	.	.	.	4
5	28	32	09	.	16	.	.	.	.	.	04	.	5
6	05	14	02	.	20	.	.	.	.	.	01	07	6
7	15	46	19	.	12	.	07	05	.	1·03	.	03	7
8	31	16	16	03	12	.	35	02	.	.	01	13	8
9	.	50	.	32	07	01	83	08	.	66	18	.	9
10	17	14	.	.	.	14	03	.	.	98	18	.	10
11	.	.	.	02	.	.	1·19	03	.	34	.	02	11
12	02	.	.	.	.	18	36	.	.	04	.	03	12
13	.	.	03	.	23	03	41	01	07	22	23	.	13
14	30	.	04	.	07	.	10	.	.	05	28	01	14
15	54	.	02	.	.	02	03	25	.	25	72	02	15
16	26	03	26	02	06	40	.	.	.	22	05	.	16
17	06	.	1·67	02	.	65	.	62	08	.	31	.	17
18	.	06	33	.	01	65	.	03	.	.	10	.	18
19	.	05	68	01	.	07	02	.	08	.	05	04	19
20	.	16	.	02	.	03	.	23	20	.	01	01	20
21	.	02	.	.	.	05	.	39	02	.	01	01	21
22	.	.	.	.	.	1·12	.	10	.	12	.	.	22
23	.	06	.	30	06	.	.	04	06	05	.	.	23
24	.	50	.	20	12	43	.	.	1·05	01	01	.	24
25	.	32	.	18	.	.	.	.	99	.	02	06	25
26	.	36	.	63	.	.	.	.	.	30	07	.	26
27	.	05	.	.	03	.	.	.	02	.	.	.	27
28	.	.	.	27	.	.	11	.	02	15	.	.	28
29	.		.	05	.	.	13	.	01	08	.	06	29
30	05	×	04	01	29	.	27	.	.	27	.	25	30
31	41	×	11	×	.	×	33	13	×	16	×	.	31
TOTAL	3·40	4·90	4·58	2·37	2·14	3·83	4·23	2·25	2·67	4·93	2·63	.74	YEAR'S TOTAL 38·67
*Days with ·01 in. or more.	16	19	16	15	15	14	14	16	12	17	20	13	187
*Days with ·04 in. or more.	14	17	13	8	13	10	11	11	8	16	14	6	141

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*See Instruction 2 (*f*) on other side.

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(*Signed*)

[P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3105

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Crawshaw Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	17	.	03	.	.	.	.	12	.	12	06	62		1
2	01	04	12	.	.	.	.	60	07	.	21	61		2
3	09	03	.	.	.	.	.	03	01	09	08	07		3
4	17	.	33	12	05	.	.	02	06	65	.	90		4
5	.	.	05	01	12	.	.	35	.	27	11	16		5
6	.	.	09	12	57	12	.	14	.	24	.	39		6
7	36	04	18	05	.	07	.	.	.	19	28	41		7
8	.	.	08	.	10	48	.	08	.	14	78	05		8
9	.	05	10	17	.	.	.	14	.	04	79	07		9
10	.	01	58	37	.	.	.	15	.	52	24	.		10
11	19	.	12	29	.	.	.	23	.	03	03	19		11
12	.	.	15	29	.	.	93	09	.	06	.	05		12
13	35	.	01	03	07	.	19	03	.	27	02	02		13
14	33	.	15	.	07	02	.	.	.	45	24	08		14
15	58	.	55	.	78	.	.	18	48	01	04	33		15
16	46	.	12	.	20	.	.	.	.	.	11	07		16
17	46	.	33	01	14	.	21	.	26	07	.	34		17
18	29	.	23	09	59	17	08	08	.	.	.	30		18
19	.	02	43	01	08	48	.	01	57	18	.	05		19
20	.	.	04	14	37	.	.	11	25	19	01	01		20
21	02	.	01	.	07	69	.	04	06	11	.	.		21
22	05	.	04	.	01	.	.	44	58	15	.	.		22
23	.	.	09	45	.	.	59	04	.	21	08	03		23
24	.	18	06	10	.	15	01	.	43	09	.	01		24
25	07	05	.	09	01	.	38	.	29	43	.	42		25
26	16	.	05	31	.	20	41	.	39	05	09	09		26
27	.	03	.	40	.	45	69	.	11	46	03	25		27
28	.	.	.	16	.	08	12	19	.	26	.	55		28
29	.		02	.	.	.	12	61	40	12	.	15		29
30	12	×	.	.	.	.	15	52	17	38	.	31		30
31	02	×	.	×	.	×	47	.	×	06	×	20		31
TOTAL	3·90	-45	3·96	3·21	3·23	2·91	4·35	4·20	4·13	5·84	3·20	6·73	Year's Total 41·11	
*Days with ·01 in. or more.	18	9	25	19	15	11	13	22	15	28	17	28	220	
*Days with .04 in. or more.	15	5	21	15	13	10	12	18	14	[illegible]	[illegible]	24	186	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 3105

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Crawshaw Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	53	35	03	05	·	02	03	·	05	72	19	25	1
2	02	13	02	·	·	19	02	·	10	23	10	41	2
3	09	64	12	06	·	04	57	·	40	02	18	16	3
4	·	01	01	01	·	20	11	·	47	32	·	02	4
5	·	57	20	22	·	38	05	·	38	08	20	25	5
6	03	·	·	03	·	43	·	·	·	·	·	01	6
7	01	01	·	10	·	24	·	·	·	31	31	26	7
8	01	·	·	10	·	·	·	·	·	32	03	38	8
9	·	·	02	34	·	08	·	·	·	2·03	11	·	9
10	·	09	01	42	·	02	·	·	·	48	08	·	10
11	46	18	·	·	·	15	·	·	·	28	13	16	11
12	·	17	·	·	·	76	·	·	08	02	·	·	12
13	12	09	·	07	42	01	·	·	13	18	01	·	13
14	·	·	·	20	11	14	·	·	16	03	1·10	26	14
15	·	1·45	·	27	08	·	01	·	29	18	23	28	15
16	·	32	15	38	03	30	16	01	60	03	49	·	16
17	·	10	·	52	49	29	11	03	34	04	70	·	17
18	02	01	·	15	05	16	24	·	55	59	08	·	18
19	01	12	·	45	·	35	36	·	·	11	28	·	19
20	02	86	·	28	·	19	06	·	·	·	1·02	·	20
21	·	35	·	02	·	·	·	01	96	18	32	17	21
22	01	14	13	04	·	·	·	·	07	·	01	·	22
23	03	·	1·03	87	·	·	·	50	04	25	·	·	23
24	46	36	03	·	·	·	·	·	1·88	05	·	18	24
25	15	12	42	·	·	37	·	·	·	·	08	08	25
26	·	·	·	·	·	·	10	1·36	49	66	23	26	26
27	·	07	·	·	·	12	45	·	49	98	42	18	27
28	04	03	·	·	·	·	·	90	15	58	14	02	28
29	01		06	·	·	·	·	·	18	70	13	16	29
30	09	×	·	·	·	16	·	17	38	60	98	06	30
31	04	×	02	×	·	×	·	·	×	36	×	29	31
TOTAL	2·15	6·17	2·25	4·58	1·18	4·60	2·27	2·98	8·19	10·33	7·55	3·84	YEAR'S TOTAL 56·09
*Days with ·01 in. or more.	19	22	14	20	6	21	13	7	21	27	25	20	215
*Days with ·04 in. or more.	9	18	7	17	5	18	10	4	21	23	22	17	171

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*See Instruction 2 (*f*) on other side.

(Signed) Chas. J. Battey

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3105

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Crawshaw Hey
in the County of Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	01	14	07	71	.	.	.	40	10	.	24	30		1
2	.	06	06	10	.	1·04	.	11	.	.	03	21		2
3	01	.	.	.	.	92	06	18	60	.	.	18		3
4	37	20	19	.	.	02	01	18	60	01	31	35		4
5	05	04	84	.	03	.	.	23	47	01	02	24		5
6	14	.	06	.	02	03	19	55	70	.	13	.		6
7	03	.	13	.	.	.	50	.	94	02	12	21		7
8	35	.	16	.	.	.	.	.	03	01	59	16		8
9	28	.	05	.	.	.	02	.	11	02	1·30	.		9
10	07	.	01	.	.	.	41	.	.	.	93	.		10
11	.	.	.	06	.	16	67	04	04	.	60	02		11
12	.	.	.	25	06	50	64	03	43	08	36	03		12
13	02	.	01	15	04	04	14	.	.	28	02	39		13
14	.	.	.	13	.	36	06	08	51	21	42	1·11		14
15	24	.	04	24	02	12	19	17	12	.	55	15		15
16	04	05	01	09	02	.	03	.	02	04	87	.		16
17	10	61	01	02	08	.	15	10	.	63	09	25		17
18	.	08	-	.	.	13	29	10	-	83	.	02		18
19	20	26	03	06	.	15	31	40	.	11	.	.		19
20	18	04	.	02	.	.	03	01	03	04	.	.		20
21	16	.	02	13	.	.	.	.	.	07	.	.		21
22	20	32	04	03	07	1·81	18	-	.	.	.	11		22
23	.	03	33	23	15	.	51	01	.	08	-	.		23
24	20	12	01	08	59	.	02	09	22	82	.	08		24
25	20	.	06	07	.	05	13	.	62	33	.	06		25
26	03	27	40	03	.	.	03	.	16	74	.	.		26
27	69	.	05	.	.	.	.	.	13	35	.	.		27
28	58	40	12	-	.	.	10	.	-	-	01	13		28
29	12	65	95	.	06	49	.	.	.	12	23	17		29
30	36	✕	.	.	93	02	28	01	.	1·00	08	06		30
31	07	✕	04	✕	.	✕	10	02	✕	.	✕	40		31
TOTAL	4·70	3·27	3·69	2·40	2·07	5·84	5·05	2·71	5·83	5·80	6·90	4·63	Year's Total 52·89	✓
* Days with .01 in. or more.	25	15	24	17	12	15	24	18	18	21	19	21	229	✓
* Days with .04 in. or more.	20	14	17	13	8	12	18	13	15	16	15	18	179	✓

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) Chas. J. Oakley [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3105

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at Crawshaw Hey

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	07	22	12	.	.	01	03	.	48	01	01	12		1
2	31	42	16	13	.	.	.	.	02	.	.	19		2
3	.	14	03	11	07	66	04	.	.	.	.	06		3
4	30	10	10	09	14	02	07	03	.	.	.	72		4
5	1·32	.	24	.	.	.	03	.	.	.	.	02		5
6	10	.	12	16	09	.	01	21	01	02	08	16		6
7	05	40	03	52	05	08	.	.	11	.	01	12		7
8	.	64	.	10	.	12	06	.	.	.	05	06		8
9	03	23	04	05	18	.	52	29	.	.	.	02		9
10	05	15	02	.	04	04	04	.	.	03	02	38		10
11	.	01	58	.	35	.	04	.	.	.	.	06		11
12	12	32	12	02	13	05	09	02	24	.	.	18		12
13	.	12	.	03	03	78	.	02	01	02	.	17		13
14	.	13	18	01	.	.	.	21	16	02	.	22		14
15	24	50	.	38	.	.	50	.	10	.	.	08		15
16	13	50	16	46	08	.	.	24	15	.	.	03		16
17	06	04	39	24	.	10	.	03	28	.	.	.		17
18	69	29	36	17	.	.	.	25	18	.	54	.		18
19	15	28	04	24	.	16	07	06	03	.	74	.		19
20	08	18	.	14	64	15	.	.	.	.	.	08		20
21	03	06	06	11	.	.	38	.	.	.	.	19		21
22	01	.	32	06	05	.	27	.	.	44	18	21		22
23	07	.	01	.	19	.	27	.	.	82	64	.		23
24	08	25	19	.	01	01	09	.	33	15	.	07		24
25	10	44	.	.	.	.	01	10	01	08	.	04		25
26	.	38	10	.	50	.	.	07	13	.	.	05		26
27	.	55	.	16	.	.	.	.	.	86	.	04		27
28	03	62	.	.	.	05	.	.	.	15	.	.		28
29	08		.	.	.	02	.	.	.	05	12	02		29
30	15	×	.	.	.	37	.	23	.	16	76	08		30
31	43	×	.	×	.	×	.	08	×	12	×	.		31
													Year's Total	
TOTAL	4·68	6·97	3·37	3·18	2·55	2·62	2·52	1·84	2·14	2·93	3·15	3·37	39·32	✓ ✓
*Days with ·01 in. or more.	24	24	21	19	15	15	17	14	15	14	11	25	2·14	✓ ✓
*Days with .04 in. or more.	20	23	17	16	13	11	13	10	10	9	8	21	171	✓ ✓

40-9999.

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) Chas. J. Oakley. [P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3105

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1938.

Kept at Crawshaw Hey

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 956 ft.

OLDHAM CORPORATION ENGINEER'S OFFICE
4 JAN 1939
PIETHORNE, NR. ROCHDALE
WATERWORKS

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.	04	.	10	04	75	04	12	.	05	19	38		1
2	19	10	.	39	16	46	02	.	.	1·21	10	35		2
3	05	.	.	01	.	04	05	.	20	1·63	18	05		3
4	13	.	.	08	.	04	32	27	.	38	45	1·34		4
5	.	04	.	10	.	11	28	54	04	62	02	08		5
6	33	.	.	.	.	08	25	02	05	34	02	03		6
7	31	.	.	.	.	.	40	03	42	40	.	.		7
8	32	02	.	.	.	.	28	.	.	1·10	.	26		8
9	13	43	18	.	.	42	16	05	.	13	.	26		9
10	01	11	02	.	.	15	63	.	.	12	.	06		10
11	19	07	.	.	01	04	26	01	07	08	09	04		11
12	25	.	.	.	24	.	.	17	01	1·34	35	.		12
13	01	04	.	.	04	.	04	.	10	32	26	34		13
14	28	03	.	.	15	.	17	.	11	03	04	03		14
15	46	.	01	.	02	.	22	38	.	10	.	29		15
16	1·18	.	08	.	19	.	14	45	.	03	09	10		16
17	.	03	.	.	22	.	14	21	09	61	05	04		17
18	14	.	.	.	16	11	.	52	01	52	24	.		18
19	.	.	.	.	.	.	.	29	06	.	01	24		19
20	22	.	.	.	.	.	.	05	08	.	54	12		20
21	03	.	09	.	.	.	.	08	01	.	05	14		21
22	.	01	.	02	.	26	.	.	.	.	19	10		22
23	02	.	.	02	23	63	.	03	·06	.	50	02		23
24	18	01	34	.	12	17	47	43	08	.	25	02		24
25	27	50	06	.	.	04	12	03	.	45	78	04		25
26	32	42	27	.	05	05	20	.	11	32	14	11		26
27	36	28	03	.	76	73	19	20	04	01	53	.		27
28	36	17	15	.	44	80	09	27	22	03	05	14		28
29	12		31	.	1·45	19	20	.	.	20	11	32		29
30	31	X	.	.	13	05	02	.	35	.	20	20		30
31	34	X	06	X	41	X	.	.	X	62	X	85		31
TOTAL	6·51	2·30	1·66	·72	4·82	5·12	4·69	4·15	2·11	10·64	5·52	6·01	Year's Total 54·19	
*Days with ·01 in. or more.	26	16	12	7	18	19	23	20	19	24	25	24	236	
*Days with .04 in. or more.	22	11	9	4	16	19	21	15	16	20	22	23	198	

† Spare column, no entries required.

(*Signed*) Charles Busfield.

[P.T.O.

40-9999

*See Instruction 2 (*f*) on other side.

Section A for the entry of Daily Observations. FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1939.

3105

Kept at Crawshaw Hey

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	29	.	30	03	.	.	03	15	09	06	.	71	1
2	11	.	01	10	.	.	52	48	57	09	08	16	2
3	12	.	.	05	.	.	.	43	02	02	04	57	3
4	42	.	40	78	.	.	99	01	.	05	03	90	4
5	.	.	.	02	33	.	18	06	.	20	27	06	5
6	51	25	02	.	.	.	61	.	.	.	25	.	6
7	35	30	20	.	06	.	13	.	.	.	24	28	7
8	48	25	21	04	.	.	80	05	.	14	32	67	8
9	12	63	.	.	.	.	07	46	.	43	06	72	9
10	32	02	01	.	.	16	.	73	58	11	02	16	10
11	36	08	24	.	.	17	.	.	08	.	.	02	11
12	60	11	.	.	.	20	.	.	.	.	01	.	12
13	03	.	05	44	17	25	04	.	05	19	06	.	13
14	64	01	04	18	58	39	12	.	.	11	21	.	14
15	12	09	04	76	28	86	16	.	06	.	09	.	15
16	21	01	05	.	67	.	02	.	02	.	09	02	16
17	90	33	07	04	13	05	19	.	.	35	08	.	17
18	17	30	08	.	.	32	29	.	02	02	84	.	18
19	28	.	02	.	.	01	34	.	03	02	.	02	19
20	01	.	01	.	01	56	30	15	08	.	.	.	20
21	10	06	51	10	18	03	05	04	13	.	.	.	21
22	14	23	24	02	02	.	11	.	01	03	65	.	22
23	03	63	06	40	.	04	17	.	.	56	20	04	23
24	05	09	06	10	.	08	.	03	.	05	.	.	24
25	72	25	03	.	.	04	.	.	.	.	1·90	.	25
26	08	06	02	.	02	.	.	09	.	38	56	05	26
27	10	1·58	56	.	.	42	13	04	.	28	36	10	27
28	.	16	50	06	.	38	68	.	.	.	78	.	28
29	.	✕	02	.	.	04	1·25	.	.	36	44	.	29
30	.	✕	.	.	.	15	28	.	.	.	32	.	30
31	.	✕	.	✕	.	✕	24	03	✕	07	✕	.	31
													YEAR'S TOTAL
TOTAL	7·26	5·44	3·75	3·12	2·45	4·15	7·70	2·75	1·74	3·52	7·90	4·48	54·26
*Days with ·01 in. or more.	26	20	25	15	11	18	24	14	13	20	24	15	225
*Days with ·04 in. or more.	23	14	17	12	8	16	22	11	8	16	21	12	183

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) Charles Busfield

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3105

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Crawshaw Hey

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 956 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	10	·	·13	·	·	·	·	·04	·	·43	·30		1
2	·	08	·	·18	·	·	·11	·	·	·	·56	·21		2
3	06	03	·01	·18	·	·	·09	·	·	·14	·04	·25		3
4	·	18	·01	·10	·	·	·06	·	·	·23	·29	·28		4
5	·	·	·	·	·14	·	·12	·	·01	·52	·12	·58		5
6	10	14	·	·	·	·	·08	·	·	·99	·11	·14		6
7	14	29	·	·25	·14	·	·06	·29	·18	·03	·	·		7
8	02	·	·01	·06	·	·	·02	·04	·	·23	·02	·26		8
9	·	·	·26	·02	·	·	·40	·57	·33	·40	1·35	·28		9
10	·	·	·05	·	·	·	·34	·35	·04	·19	·50	·54		10
11	·	10	·04	·04	·	·01	·34	·	·	·	1·56	·		11
12	·	05	·44	·	·	·	·13	·03	·64	·	·51	·		12
13	·	03	·22	·03	·	·	·	·10	·44	·	·05	·02		13
14	·	04	·02	·30	·18	·	·04	·15	·14	·	·05	·56		14
15	·	·	·09	·06	·04	·02	·	·	·01	·	·04	·06		15
16	24	12	·13	·09	·	·	·41	·	1·62	·59	·32	·04		16
17	·	03	·69	·01	·04	·	·38	·	·19	·	·65	·01		17
18	32	13	·30	·43	·	·	·63	·33	·21	·	·05	·32		18
19	·	25	·20	·03	·	·01	·46	·	·24	·04	·34	·02		19
20	·	04	·06	·24	·	·03	·68	·50	·22	·14	·10	·		20
21	08	·	·36	·04	·	·35	·20	·03	·04	·09	1·14	·		21
22	·	10	·06	·	·09	·14	·	·04	·45	·04	·	·02		22
23	·	35	·05	·10	·03	·	·04	·	·10	·09	·14	·01		23
24	40	02	·	·03	·	·	·	·	·02	·03	·	·04		24
25	11	·	·	·	·	·03	·	·	·	·04	·	·		25
26	80	12	·02	·02	·05	·05	·	·	·02	·02	·03	·		26
27	× 13	44	·	·14	·01	·	·23	·	·	·	·06	·		27
28	× 11	56	·	·02	·08	·	·	·13	·	·	·	·04		28
29	·	·	·24	·01	·14	·41	·05	·	·	·02	·	·40		29
30	08	✕	·	·28	·	·	·	·	·	·56	·02	·41		30
31	12	✕	·23	✕	·02	✕	·	·06	✕	·94	✕	·10		31
													Year's Total	
TOTAL	3·04	3·26	3·82	2·82	1·05	1·05	4·96	2·59	5·03	5·42	8·54	5·28	46·86	
* Days with .01 in. or more.	14	21	21	24	12	9	21	13	19	20	24	23	221	
* Days with .04 in. or more.	13	14	16	16	9	4	19	11	15	16	21	18	145	

1·35

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) Charles Snafield [P.T.O.

3106

Section **A** for the entry of
AIR MINISTR
FORM 1090.
REGIS

Kept at New Yea
in the County of

Diameter of Funnel of Gauge
Height of top of Gauge above Groun
,, Ground ,, Sea L

THE MORNING MEASU

An observer who does not conform to
year in the space on the right of th

Please read t

3106
NEW YEARS BRIDGE
1931 — 40

780507

FOR OFFICIAL USE.
ORGANIZATION.

lowing

Jan. 1, following.

Date	**Jan.**	**Feb.**	**March**								**Nov.**	**Dec.**	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	08	02	.	17	.	1·10	.	.	07	10	.	.	1
2	01	13	.	70	05	1·06	01	.	95	06	04	07	2
3	.	.	.	12	.	05	45	.	80	01	1·12	41	3
4	.	08	.	42	.	01	10	.	2·20	06	24	32	4
5	.	08	.	.	24	1·13	03	42	10	.	.	36	5
6	.	23	04	.	.	31	1·13	67	18	70	23	02	6
7	.	.	04	.	.	54	05	45	.	33	05	12	7
8	10	33	06	08	07	01	33	66	03	12	23	.	8
9	.	78	04	30	.	39	.	40	05	05	28	05	9
10	12	17	06	.	25	29	01	26	08	.	28	.	10
11	51	76	.	03	.	09	09	04	36	.	68	01	11
12	09	28	.	03	.	.	72	.	15	29	25	.	12
13	.	.	14	01	06	01	15	04	.	.	.	.	13
14	16	12	.	01	10	72	03	91	05	.	41	02	14
15	28	34	.	17	16	02	06	45	.	.	03	11	15
16	62	15	.	31	52	62	16	82	28	.	.	.	16
17	14	19	.	33	05	15	40	55	05	.	03	.	17
18	32	04	.	55	.	52	55	13	.	01	74	.	18
19	19	22	.	14	.	01	03	1·38	06	06	.	01	19
20	03	24	01	11	.	06	.	24	.	.	10	.	20
21	58	05	06	.	13	15	03	28	.	.	03	.	21
22	16	16	.	05	16	08	04	.	.	.	02	.	22
23	53	.	03	23	18	38	43	.	.	.	69	20	23
24	09	40	.	08	67	.	09	.	.	.	02	07	24
25	17	1·08	.	33	03	.	04	.	.	.	07	10	25
26	07	17	.	23	.	.	.	.	.	.	60	06	26
27	47	09	.	03	10	.	40	.	.	30	94	12	27
28	48	40	.	17	18	01	28	.	04	.	.	06	28
29	36		.	02	17	.	20	.	.	72	06	.	29
30	01	✕	.	10	.	.	.	.	08	.	02	.	30
31	27	✕	.	✕	43	✕	04	.	✕	03	✕	10	31
TOTAL	5·84	6·51	·48	4·72	3·55	7·71	5·85	7·10	5·53	2·84	7·16	2·21	YEAR'S TOTAL 59·50
Days with ·01 in. or more.	24	24	9	25	18	23	26	16	17	14	24	18	238
Days with ·04 in. or more.	21	23	7	19	17	17	20	16	16	11	18	14	199

40-9999

(Signed) Chas. J. Stanley. [P.T.O.

3106

Section **A** for the entry of

AIR MINISTR

FOR OFFICIAL USE.

ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 19 .

Kept at New Years Bridge

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	08	02	.	17	.	1·10	.	.	07	10	.	.	1
2	01	13	.	70	05	1·06	01	.	95	06	04	07	2
3	.	.	.	12	.	05	45	.	80	01	1·12	41	3
4	.	08	.	42	.	01	10	.	2·20	06	24	32	4
5	.	08	.	.	24	1·13	03	42	10	.	.	36	5
6	.	23	04	.	.	31	1·17	67	18	70	23	02	6
7	.	.	04	.	.	54	05	45	.	33	05	12	7
8	10	33	06	08	07	01	33	66	03	12	33	.	8
9	.	78	04	30	.	39	.	40	05	05	28	05	9
10	12	17	06	.	25	29	01	26	08	.	28	.	10
11	51	76	.	03	.	09	09	04	36	.	68	01	11
12	09	28	.	03	.	.	72	.	15	29	25	.	12
13	.	.	14	01	06	01	15	04	.	.	.	.	13
14	16	12	.	01	10	72	03	91	05	.	41	02	14
15	28	34	.	17	16	02	06	45	.	.	03	11	15
16	62	15	.	31	52	62	16	82	28	.	.	.	16
17	14	19	.	33	05	15	40	55	05	.	03	.	17
18	32	04	.	55	.	52	55	13	.	01	74	.	18
19	19	22	.	14	.	01	03	1·38	06	06	.	01	19
20	03	24	01	11	.	06	.	24	.	.	10	.	20
21	58	05	06	.	13	15	03	28	.	.	03	.	21
22	16	16	.	05	16	08	04	.	.	.	02	.	22
23	53	.	03	23	18	38	43	.	.	.	69	20	23
24	09	40	.	08	67	.	09	.	.	.	02	07	24
25	17	1·08	.	33	03	.	04	.	.	.	07	10	25
26	07	17	.	23	.	.	.	.	.	.	60	06	26
27	47	09	.	03	10	.	40	.	.	30	94	12	27
28	48	40	.	17	18	01	28	.	04	.	.	06	28
29	36		.	02	17	.	20	.	.	72	06	.	29
30	01	✕	.	10	.	.	.	.	08	.	02	.	30
31	27	✕	.	✕	43	✕	04	.	✕	03	✕	10	31
TOTAL	5·84	6·51	·48	4·72	3·55	7·71	5·85	7·10	5·53	2·84	7·16	2·21	YEAR'S TOTAL 59·50
Days with ·01 in. or more.	24	24	9	25	18	23	26	16	17	14	24	18	238
Days with ·04 in. or more.	21	23	7	19	17	17	20	16	[illegible]	11	18	14	199

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(Signed)

P.T.O.

3106

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at New Year Bridge

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	43	01	·	35	34	·	28	03	67	52	12	04	1
2	1·00	·	·	·	51	·	02	03	1·22	17	22	34	2
3	08	·	·	·	·	·	32	·	13	·	·	16	3
4	04	03	·	06	·	·	10	·	03	06	26	01	4
5	1·07	01	16	28	04	·	·	02	16	·	·	02	5
6	1·18	·	18	42	08	·	03	·	29	·	·	·	6
7	26	·	51	19	03	·	·	·	68	28	03	·	7
8	·	02	·	16	·	·	·	·	18	66	01	01	8
9	12	18	·	65	06	·	·	·	02	·	·	10	9
10	40	06	02	12	·	·	·	·	72	45	·	10	10
11	05	06	01	08	47	05	1·70	·	09	02	05	·	11
12	32	01	·	·	50	03	13	01	01	61	02	·	12
13	·	11	·	09	13	·	28	02	43	50	06	24	13
14	05	·	01	02	·	·	05	02	02	10	16	·	14
15	·	·	·	05	50	·	·	·	·	19	18	12	15
16	34	·	·	20	01	·	04	02	·	19	02	12	16
17	·	·	·	01	·	·	07	07	05	40	01	·	17
18	·	·	·	·	05	·	·	·	01	·	02	·	18
19	·	02	·	22	15	·	01	01	·	39	·	·	19
20	·	·	·	21	48	·	09	55	·	21	06	·	20
21	06	·	25	05	44	·	08	64	·	70	10	04	21
22	02	·	18	18	34	·	20	·	·	06	79	12	22
23	·	04	·	07	67	·	09	·	·	13	13	08	23
24	06	01	·	04	·	05	31	·	25	·	16	02	24
25	·	06	·	11	13	02	08	·	08	87	20	·	25
26	·	01	·	20	37	01	32	·	10	32	30	·	26
27	·	·	37	17	55	15	36	·	·	08	10	15	27
28	·	01	25	08	17	01	24	·	·	·	·	08	28
29	08	·	58	09	05	12	29	45	24	80	16	25	29
30	·	×	27	01	·	31	08	06	03	09	38	14	30
31	02	×	25	×	01	×	13	·	×	·	×	10	31
TOTAL	5·58	·64	3·04	4·11	6·08	·75	5·30	1·93	5·41	7·80	3·54	2·24	YEAR'S TOTAL 46·42
*Days with ·01 in. or more.	18	15	13	26	23	9	24	13	21	23	23	20	228
*Days with ·04 in. or more.	16	6	10	23	20	5	21	5	15	22	17	16	17[illegible]

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*)

[P.T.O.

3106

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at New Year Bridge

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	08	73	.	.	.	.	.	01	07	.	28	.	1
2	37	.	21	25	.	05	.	10	.	.	04	.	2
3	01	52	32	.	38	.	.	.	.	.	04	.	3
4	24	16	32	.	19	.	.	13	.	.	.	.	4
5	23	28	07	.	15	.	.	.	.	.	04	.	5
6	04	13	02	.	20	.	.	.	.	.	01	07	6
7	11	45	19	.	13	.	07	04	.	1·00	.	03	7
8	28	14	13	03	13	.	32	02	.	.	01	13	8
9	.	52	.	28	07	01	75	08	.	59	18	.	9
10	16	12	.	.	.	15	03	.	.	97	18	.	10
11	.	.	.	02	.	.	1·12	03	.	36	.	02	11
12	02	.	.	.	.	20	37	.	.	05	.	03	12
13	.	.	03	.	23	03	37	01	07	20	22	.	13
14	25	.	04	.	08	.	10	.	.	05	24	01	14
15	52	.	02	.	.	02	03	23	.	23	56	02	15
16	26	03	25	02	06	36	.	.	.	25	05	.	16
17	06	.	1·68	02	.	65	.	64	08	.	28	.	17
18	.	06	30	.	01	63	.	03	.	.	10	.	18
19	.	05	66	01	.	08	02	.	08	.	06	04	19
20	.	15	.	02	.	03	.	24	22	.	01	01	20
21	.	02	.	.	.	05	.	38	02	.	01	01	21
22	.	.	.	.	.	1·17	.	10	.	12	.	.	22
23	.	06	.	26	06	.	.	05	06	05	.	.	23
24	.	50	.	17	12	40	.	.	1·07	01	01	.	24
25	.	32	.	16	.	.	.	.	1·04	.	02	06	25
26	.	35	.	52	.	.	.	.	.	31	08	.	26
27	.	05	.	.	03	.	.	.	02	.	.	.	27
28	.	.	.	26	.	.	10	.	02	15	.	.	28
29	.		.	05	.	.	13	.	01	09	.	06	29
30	05	✕	04	01	28	.	21	.	.	25	.	22	30
31	32	✕	10	✕	.	✕	31	10	✕	18	✕	.	31
TOTAL	3·00	4·64	4·38	2·08	2·12	3·83	3·93	2·19	2·76	4·86	2·42	·71	YEAR'S TOTAL 36·92
*Days with ·01 in. or more.	16	19	16	15	15	14	14	16	12	17	20	13	187
*Days with ·04 in. or more.	14	17	13	8	13	10	11	11			4	6	141

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*See Instruction 2 (*f*) on other side.

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(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3106

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at New Year Lodge

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	17	.	03	.	.	.	.	11	.	12	06	56		1
2	01	04	12	.	.	.	.	56	07	.	19	60		2
3	09	03	.	.	.	.	.	03	01	09	08	07		3
4	15	.	31	11	05	.	.	02	06	60	.	84		4
5	.	.	05	01	10	.	.	34	.	28	10	17		5
6	.	.	09	12	51	12	.	12	.	21	.	38		6
7	31	04	20	05	.	06	.	.	.	18	28	36		7
8	.	.	08	.	10	49	.	09	.	15	76	05		8
9	.	06	10	15	.	.	.	14	.	04	76	05		9
10	.	01	65	30	.	.	.	14	.	49	24	.		10
11	17	.	12	29	.	.	.	21	.	03	04	18		11
12	.	.	15	27	.	.	82	10	.	07	.	05		12
13	31	.	01	03	07	.	21	03	.	26	02	02		13
14	35	.	12	.	07	02	.	.	.	48	24	08		14
15	54	.	52	.	68	.	.	17	47	01	04	33		15
16	41	.	10	.	22	.	.	.	.	.	11	07		16
17	43	.	36	01	14	.	21	.	25	08	.	32		17
18	30	.	23	09	57	16	08	08	.	.	.	29		18
19	.	02	40	01	08	46	.	01	58	18	.	05		19
20	.	.	04	14	34	.	.	08	26	19	01	01		20
21	02	.	01	.	07	63	.	03	06	10	.	.		21
22	06	.	05	.	01	.	.	42	50	14	.	.		22
23	.	.	10	39	.	.	62	04	.	19	08	03		23
24	.	18	07	12	.	15	01	.	41	09	.	01		24
25	07	06	.	09	01	.	36	.	25	33	.	38		25
26	17	.	05	32	.	18	39	.	35	05	08	09		26
27	.	03	.	40	.	47	63	.	10	47	03	23		27
28	.	.	.	16	.	09	12	18	.	27	.	53		28
29	.		03	.	.	.	12	61	40	12	.	15		29
30	12	×	.	.	.	.	14	55	16	38	.	30		30
31	02	×	.	×	.	×	48	.	×	06	×	21		31
TOTAL	3·69	·47	3·99	3·06	3·02	2·83	4·19	4·06	3·93	5·66	3·12	6·41	Year's Total 44·43	
*Days with ·01 in. or more.	18	9	25	19	15	11	13	22	15	28	17	28	220	
*Days with .04 in. or more.	15	5	21	15	13	10	12	17	14	[illegible]	[illegible]	24	186	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 3106

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at New Years Bridge

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·55	30	03	05	.	02	03	.	05	71	19	25	1
2	02	13	02	.	.	19	03	.	09	20	10	46	2
3	09	61	12	06	.	04	58	.	40	02	16	17	3
4	.	01	01	01	.	18	11	.	49	31	.	02	4
5	.	59	21	25	.	37	06	.	38	08	21	25	5
6	03	.	.	05	.	39	.	.	.	.	.	01	6
7	01	01	.	10	.	22	.	.	.	28	32	26	7
8	01	.	.	10	.	.	.	.	.	31	03	41	8
9	.	.	02	32	.	08	.	.	.	1·94	11	.	9
10	.	08	01	34	.	02	.	.	.	47	08	.	10
11	46	16	.	.	.	13	.	.	.	29	11	15	11
12	.	16	.	.	.	75	.	.	08	02	.	.	12
13	13	09	.	07	36	01	.	.	12	17	01	.	13
14	.	.	.	24	11	12	.	.	17	03	1·05	25	14
15	.	1·18	.	26	08	.	01	.	28	18	22	27	15
16	.	28	15	36	03	30	16	01	54	03	50	.	16
17	.	09	.	48	54	27	10	03	35	04	73	.	17
18	02	01	.	15	05	16	25	.	43	50	09	.	18
19	02	13	.	44	.	33	33	.	.	10	24	.	19
20	02	84	.	25	.	18	06	.	.	.	79	.	20
21	.	35	.	02	.	.	.	01	1·00	19	27	17	21
22	01	14	12	04	.	.	.	.	07	.	01	.	22
23	03	.	95	99	.	.	.	50	04	23	.	.	23
24	35	36	03	.	.	.	.	.	1·86	06	.	18	24
25	16	12	39	.	.	37	.	.	.	.	08	10	25
26	.	.	.	.	.	.	11	1·22	48	63	21	25	26
27	.	06	.	.	.	12	44	.	47	92	38	19	27
28	04	03	.	.	.	.	.	99	15	57	13	03	28
29	01		06	.	.	.	.	.	16	65	13	15	29
30	10	X	.	.	.	17	.	16	39	56	90	06	30
31	04	X	02	X	.	X	.	.	X	34	X	27	31
TOTAL	2·10	5·73	2·14	4·58	1·17	4·42	2·27	2·92	8·00	9·83	7·05	3·90	YEAR'S TOTAL 54·11
*Days with ·01 in. or more.	19	22	14	20	6	21	13	7	21	27	25	20	215
*Days with .04 in. or more.	9	18	7	18	5	18	10	4	21	23	22	17	172

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*See Instruction 2 (*f*) on other side,

(*Signed*) Chas J Batley

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 3106

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at New Years Bridge

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	01	15	07	60	.	.	.	36	10	.	25	32		1
2	.	06	06	09	.	1·01	.	11	.	.	03	22		2
3	01	.	.	.	.	96	06	20	56	.	.	17		3
4	35	20	19	.	.	02	01	19	58	01	30	33		4
5	05	04	82	.	03	.	.	21	50	01	02	24		5
6	13	.	07	.	02	03	18	50	68	.	13	.		6
7	03	.	11	.	.	.	54	.	95	02	10	21		7
8	31	.	16	.	.	.	.	.	03	01	56	16		8
9	20	.	05	.	.	.	02	.	11	02	1·34	.		9
10	07	.	01	.	.	.	40	.	.	.	86	.		10
11	.	.	.	06	.	16	69	04	04	.	54	02		11
12	.	.	.	27	06	49	52	03	40	08	36	03		12
13	02	.	01	13	04	04	14	.	.	27	02	28		13
14	.	.	.	14	.	35	06	08	52	22	44	1·02		14
15	24	.	04	23	02	12	21	19	12	.	53	14		15
16	04	05	01	09	02	.	03	.	02	04	84	.		16
17	10	50	01	02	08	.	15	11	.	59	09	24		17
18	.	07	.	.	.	13	27	09	.	82	.	02		18
19	20	25	03	06	.	14	30	38	.	12	.	.		19
20	18	04	-	02	.	.	03	01	03	04	.	.		20
21	16	.	02	12	.	.	.	.	.	07	.	.		21
22	20	32	04	13	07	1·86	16	.	.	.	-	12		22
23	.	03	31	21	13	.	44	01	.	08	.	.		23
24	18	12	01	08	58	.	02	09	21	75	.	10		24
25	20	.	06	07	.	05	13	.	63	35	.	06		25
26	03	27	34	03	.	.	03	.	15	71	.	.		26
27	65	.	05	.	.	.	.	.	14	37	.	.		27
28	56	40	10	.	.		10	.	.	-	01	12		28
29	12	65	81	.	06	48	.	.	.	12	25	18		29
30	35	✕	.	.	92	02	26	01	.	1·03	08	06		30
31	07	✕	04	✕	.	✕	10	02	✕	.	✕	38		31
													Year's Total	
TOTAL	4·46	3·15	3·42	2·25	2·03	5·86	4·85	2·63	5·77	5·73	6·75	4·42	51·32	✓
* Days with .01 in. or more.	25	15	24	17	17	15	24	18	18	21	19	21	229	✓
* Days with .04 in. or more.	20	14	17	13	8	12	18	13	15	[illegible]	15	18	179	✓

40-9999.

† Spare column, no entries required.

(*Signed*) Chas. J. Oakley [P.T.O.

* See Instruction 2 (f) on other side.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 3106

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

Kept at New Years Bridge

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	07	23	12	.	.	01	03	.	46	01	01	12		1
2	30	39	16	12	.	.	.	.	02	.	.	18		2
3	.	12	03	11	06	62	04	.	.	.	.	07		3
4	29	09	09	10	15	02	07	03	.	.	.	72		4
5	1·21	.	33	.	.	.	03	.	.	.	.	02		5
6	10	.	12	14	09	.	01	22	01	02	08	16		6
7	05	32	03	48	05	08	.	.	12	.	01	12		7
8	.	62	.	10	.	12	06	.	.	.	05	06		8
9	03	21	04	04	17	.	50	28	.	.	.	02		9
10	05	15	02	.	04	04	04	.	.	03	02	38		10
11	.	01	58	.	38	.	04	.	-	.	.	06		11
12	11	29	11	02	13	05	10	02	24	.	.	19		12
13	.	12	.	03	03	82	.	02	01	02	.	19		13
14	.	13	18	01	.	.	.	21	15	02	.	22		14
15	23	46	.	35	.	.	53	.	10	.	.	09		15
16	13	48	15	50	08	.	.	23	15	.	.	03		16
17	06	04	37	24	.	09	.	03	27	.	.	.		17
18	70	28	33	18	.	.	.	24	18	.	50	.		18
19	15	27	04	21	.	18	08	07	03	.	72	.		19
20	07	20	.	15	63	15	.	.	.	.	.	08		20
21	03	07	06	12	.	-	37	.	.	.	.	20		21
22	01	.	32	07	05	.	30	.	.	42	19	19		22
23	06	.	01	.	19	.	29	.	.	80	63	.		23
24	07	21	20	.	01	01	10	-	24	14	.	07		24
25	10	39	.	.	.	.	01	09	01	08	.	04		25
26	.	37	10	.	51	.	.	07	12	.	.	05		26
27	-	55	.	15	.	.	-	.	.	76	.	04		27
28	03	62	.	.	.	05	.	.	.	15	.	.		28
29	08		-	.	.	02	.	.	.	05	12	0.2		29
30	15	×	.	.	.	36	.	20	.	15	74	08		30
31	41	×	.	×	.	×	.	07	×	12	×	.		31
TOTAL	449	6·62	3·29	3·12	2·57	2·62	2·60	1·78	2·11	2·77	3·07	3·40	Year's Total 38·44	✓
*Days with ·01 in. or more.	24	24	21	19	15	15	17	14	15	14	11	25	214	✓
*Days with .04 in. or more.	20	23	17	16	13	11	13	10	10	[illegible]	[illegible]	21	171	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) Chas. J. Oakley.

[P. T. O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No 3106

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1938.

Kept at New Years Bridge

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 986 ft.

OLDHAM CORPORATION WATERWORKS
ENGINEER'S OFFICE
4 JAN 1939
PIETHORNE, Nr. ROCHDALE

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.	03	.	10	04	76	04	12	.	05	18	36		1
2	20	10	.	37	16	48	02	.	.	1·10	10	38		2
3	05	.	.	01	.	04	05	.	22	1·35	17	06		3
4	14	.	.	08	.	04	34	28	.	40	46	1·30		4
5	.	04	.	10	.	12	27	55	05	(63) 68	03	08		5
6	32	.	.	.	.	07	25	02	05	32	02	03		6
7	30	.	.	.	-	.	38	03	42	41	.	.		7
8	30	02	.	.	.	.	28	.	.	1·04	. .	25		8
9	13	42	19	.	.	43	18	05	.	14	.	25		9
10	01	10	02	.	.	17	62	.	.	12	.	06		10
11	19	47	.	.	01	04	26	01	06	08	09	04		11
12	22	.	.	.	21	.	.	22	01	1·27	32	.		12
13	01	04	.	.	04	.	04	.	11	29	23	30		13
14	25	03	.	.	15	.	17	.	10	03	04	03		14
15	42	.	01	.	02	.	22	37	.	10	.	26		15
16	1·04	.	08	.	19	.	16	44	.	03	09	11		16
17	.	03	.	.	22	.	14	22	09	59	05	04		17
18	13	.	.	.	16	11	.	49	01	50	·24	.		18
19	.	.	.	.	.	.	.	33	06	.	·01	24		19
20	20	.	.	.	.	.	.	05	08	.	·55	12		20
21	03	.	09	.	.	.	.	08	01	.	05	14		21
22	.	01	.	02	.	27	-	.	.	.	20	10		22
23	02	.	.	02	23	62	.	03	·06	.	46	02		23
24	15	01	33	.	13	15	48	41	·08	.	23	02		24
25	28	48	05	.	.	04	12	03	.	46	83	04		25
26	33	40	29	.	05	05	19	.	12	31	17	13		26
27	·34	26	03	.	78	67	18	20	04	01	45	.		27
28	37	16	16	.	46	70	68	28	24	03	05	17		28
29	13		32	.	1·43	20	19	.	.	20	10	30		29
30	32	X	-	.	14	05	02	.	33	.	20	20		30
31	30	X	06	X	37	X		.	X	53	X	80		31
TOTAL	6·18	2·20	1·63	·70	4·78	5·01	4·68	4·21	2·14	10·02	5·35	5·83	Year's Total 52·73	✓
*Days with ·01 in. or more.	26	16	12	7	18	19	23	20	19	24	25	24	236	✓
*Days with .04 in. or more.	22	10	9	4	16	19	21	15	16	20	22	23	197	✓

† Spare column, no entries required.

(*Signed*) Charles Busfield

[P.T.O.

40-9999

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3106

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1939.

Kept at New Years Bridge

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	30	·	26	04	·	·	04	15	10	07	·	58		1
2	11	·	01	10	·	·	50	47	58	10	08	16		2
3	12	·	·	05	·	·	·	43	02	02	04	56		3
4	42	·	36	72	·	·	96	01	·	04	03	89		4
5	·	·	·	02	31	·	18	06	·	19	26	06		5
6	46	22	02	·	·	·	48	·	·	·	24	·		6
7	32	25	20	·	06	·	13	·	·	·	23	25		7
8	44	23	20	04	·	·	78	05	·	13	28	64		8
9	12	50	·	·	·	·	07	47	·	36	06	70		9
10	32	02	01	·	·	17	·	74	50	11	02	15		10
11	36	08	24	·	·	18	·	·	08	·	·	02		11
12	60	12	·	·	·	22	·	·	·	·	01	·		12
13	03	·	05	42	16	25	04	·	05	18	06	·		13
14	62	01	03	17	57	37	13	·	·	12	19	·		14
15	11	09	04	72	27	74	16	·	07	·	10	·		15
16	19	01	05	·	65	·	02	·	02	·	09	02		16
17	87	32	07	04	14	05	17	·	·	36	08	·		17
18	17	28	08	·	·	30	29	·	02	02	82	·		18
19	25	·	02	·	·	01	34	·	03	02	·	02		19
20	01	·	01	·	01	57	31	15	07	·	·	·		20
21	10	05	49	11	17	03	04	04	13	·	·	·		21
22	14	22	23	03	02	·	11	·	01	03	56	·		22
23	03	62	06	39	·	04	16	·	·	54	21	04		23
24	05	09	07	11	·	08	·	03	·	05	·	·		24
25	72	22	04	·	·	04	·	·	·	·	1·62	·		25
26	08	07	02	·	02	·	·	09	·	37	54	05		26
27	10	1·50	55	·	·	36	13	04	·	27	36	10		27
28	·	16	43	06	·	33	66	·	·	·	76	·		28
29	·	×	02	·	·	04	1·20	·	·	38	42	·		29
30	·	×	·	·	·	15	26	·	·	·	31	·		30
31	·	×	·	×	·	×	23	03	×	07	×	·		31
TOTAL	7·04	5·06	3·56	3·02	2·38	3·93	7·39	2·76	1·68	3·43	7·37	4·24	Year's Total 51·86	
*Days with ·01 in. or more.	26	20	25	15	11	18	24	14	13	20	24	15	225	
*Days with .04 in. or more.	23	17	17	13	8	16	23	11	8	16	21	12	185	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3106

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at New Year's Bridge
in the County of Yorkshire
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 986 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·	10	·	·13	·	·	·	·	·04	·	·42	·28		1
2	·	06	·	·14	·	·	·10	·	·	·	·52	·18		2
3	06	02	·01	·16	·	·	·09	·	·	·13	·05	·23		3
4	·	15	·01	·09	·	·	·06	·	·	·21	·28	·26		4
5	·	·	·	·	·16	·	·12	·	·01	·48	·11	·56		5
6	10	13	·	·	·	·	·08	·	·	·93	·10	·16		6
7	14	26	·	·24	·13	·	·04	·26	·18	·03	·	·		7
8	02	·	·01	·05	·	·	·02	·04	·	1·20	·02	·25		8
9	·	·	·24	·02	·	·	·64	·44	·29	·31	1·28	·28		9
10	·	·	·06	·	·	·	·35	·33	·03	·20	·44	·56		10
11	·	09	·04	·04	·	·01	·34	·	·	·	1·34	·		11
12	·	05	·68	·	·	·	·12	·03	·63	·	·48	·		12
13	·	02	·21	·03	·	·	·	·09	·45	·	·06	·02		13
14	·	06	·02	·29	18	·	·04	·14	·13	·	·06	·54		14
15	·	·	·10	·06	·08	·02	·	·	·01	·	·06	·06		15
16	24	12	·11	·10	·	·	·42	·	1·46	·54	·32	·08		16
17	·	02	·64	·01	·05	·	·34	·	·18	·	·64	·01		17
18	32	13	·28	·42	·	·	·03	·32	·19	·	·05	·31		18
19	·	23	·14	·04	·	·01	·45	·	·28	·04	·28	·02		19
20	·	04	·05	·24	·	·04	·68	·48	·22	·14	·09	·		20
21	08	·	·34	·03	·	·34	·19	·03	·05	·10	1·06	·		21
22	·	09	·04	·	·08	·14	·	·04	·04	·04	·	·02		22
23	·	32	·04	·10	·03	·	·04	·	·09	·08	·15	·01		23
24	40	02	·	·03	·	·	·	·	·02	·03	·	·04		24
25	12	·	·	·	·	·03	·	·	·	·04	·	·		25
26	80	11	·02	·02	·05	·06	·	·	·02	·02	·03	·		26
27	x 16	41	·	·13	·01	·	·22	·	·	·	·05	·		27
28	x 10	55	·	·02	·04	·	·	·12	·	·	·	·05		28
29	·	·	·23	·01	·16	·40	·04	·	·	·02	·	·69		29
30	08	✕	·	·26	·	·	–	·	·	·54	·02	·40		30
31	12	✕	·21	✕	·02	✕	–	·04	✕	·91	✕	·09		31
													Year's Total	
TOTAL	3·04	3·01	3·54	2·42	1·02	1·05	4·83	2·45	4·42	5·11	4·94	5·13	44·62	
* Days with .01 in. or more.	14	21	21	24	12	9	21	13	19	20	24	23	221	
* Days with .04 in. or more.	13	14	16	16	9	5	19	11	14	16	21	18	145	

1·38

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Charles [illegible]

[P.T.O.

Burbage:

Section **A** for the entr
AIR MINI
ALL ORGANIZATION.

Station No. 3106/4

FORM 1090.

REG
3.

~~2686/5~~

—

3106/4

BURBAGE PARSONS' HOUSE

1933 — 40

780507

Kept at Parsons

in the County of Derb

Diameter of Funnel of Gauge

Height of top of Gauge above G

,, Ground ,, S

THE MORNING ME **AY.**

An observer who does not confor *e following*
year in the space on the right

Jan. 1, following

Date	Jan.	Feb.	Ma								Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	·30	-	-	-	-	-	-	·02	-	·24	-		1
2	·32	-	·62	·01	-	-	-	-	-	·04	·11	-		2
3	·03	·20	·23	-	·32	-	-	-	-	-	·13	-		3
4	·13	·07	·07	-	·17	-	-	-	-	-	·02	-		4
5	·09	·19	·18	-	·16	-	-	-	-	-	·02	-		5
6	-	·16	·03	-	·37	-	-	-	-	-	-	·12		6
7	·08	·12	·03	-	·12	-	·17	-	-	·77	-	-		7
8	·16	·06	·13	-	-	-	·89	-	-	-	-	·02		8
9	-	·20	-	·10	·06	-	·34	-	-	·80	-	-		9
10	·05	·29	-	-	-	·10	·08	-	-	1·98	·11	-		10
11	·01	·04	-	-	·02	-	·06	-	-	·30	-	·01		11
12	·02	-	-	-	-	·13	·08	-	-	·04	-	·06		12
13	-	-	·04	-	·39	·09	·17	-	·07	·03	·07	-		13
14	·07	-	-	-	·15	-	·02	·01	-	·04	·33	·01		14
15	·76	-	·03	-	-	·02	·13	·15	-	·33	·95	·24		15
16	·28	-	·43	·14	·03	·11	·35	·02	-	·20	·11	-		16
17	·12	·01	·99	-	-	·47	-	-	·06	-	·38	-		17
18	·01	·08	·12	-	-	·50	-	-	-	-	·15	-		18
19	-	-	·56	·04	-	-	-	-	·17	-	·03	-		19
20	-	·03	-	-	·02	-	-	·10	-	-	·03	-		20
21	-	-	-	-	-	·08	-	·08	·10	·66	·03	-		21
22	-	-	-	-	-	·02	-	·20	-	·37	-	-		22
23	-	·02	-	·13	-	-	-	·05	·43	·05	-	-		23
24	-	·77	-	·19	·05	·58	-	-	·66	-	-	-		24
25	-	1·85	-	·21	-	·10	-	-	·17	-	·03	·09		25
26	-	1·30	-	·10	-	-	-	-	-	·24	·05	-		26
27	-	·05	-	-	·17	-	-	-	·17	·09	-	-		27
28	-	·01	-	·08	-	-	·02	-	·04	·21	-	-		28
29	·02		-	·22	-	-	·13	-	-	·05	-	·03		29
30	·04	X	·03	·03	-	-	·05	-	-	·09	-	·16		30
31	·12	X	-	X	-	X	·20	-	X	·10	X	-		31
TOTAL	2·52 ✓	5·75	3·49	1·25	2·03	2·20	2·69	·61	1·89	5·79	2·79	·74	Year's Total 31·75	✓
*Days with ·01 in. or more.	18.	19.	14	11.	13.	11.	14	7	19.	19.	17.	9	162	
*Days with .04 in. or more.	13.	15	10.	9.	10.	9.	12.	5.	9.	18.	11.	5	126	

40-9999

*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required

(*Signed*) John N Swales

[P.T.O.

Burbage

Sec[illegible]n **A** for the entry of Daily Observations. Station No. 3106/4

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

~~2686/5~~

Kept at Parsons House
in the County of Derbyshire
Diameter of Funnel of Gauge .... in.
Height of top of Gauge above Ground .... ft. .... in.
,, Ground ,, Sea Level .... ft.
As Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·21	·30	–	–	–	–	–	–	·02	–	·24	–		1
2	·32	–	·62	·01	–	–	–	–	–	·04	·11	–		2
3	·03	·20	·23	–	·32	–	–	–	–	–	·13	–		3
4	·13	·07	·07	–	·17	–	–	–	–	–	·02	–		4
5	·09	·19	·18	–	·16	–	–	–	–	–	·02	–		5
6	–	·16	·03	–	·37	–	–	–	–	–	–	·12		6
7	·08	·12	·03	–	·12	–	·17	–	–	·77	–	–		7
8	·16	·06	·13	–	–	–	·89	–	–	–	–	·02		8
9	–	·20	–	·10	·06	–	·34	–	–	·80	–	–		9
10	·05	·29	–	–	–	·10	·08	–	–	1·98	·11	–		10
11	·01	·04	–	–	·02	–	·06	–	–	·30	–	·01		11
12	·02	–	–	–	–	·13	·08	–	–	·04	–	·06		12
13	–	–	·04	–	·39	·09	·17	–	·07	·03	·07	–		13
14	·07	–	–	–	·15	–	·02	·01	–	·04	·33	·01		14
15	·76	–	·03	–	–	·02	·13	·15	–	·33	·95	·24		15
16	·28	–	·43	·14	·03	·11	·35	·02	–	·20	·11	–		16
17	·12	·01	·99	–	–	·47	–	–	·06	–	·38	–		17
18	·01	·08	·12	–	–	·50	–	–	–	–	·15	–		18
19	–	–	·56	·04	–	–	–	–	·17	–	·03	–		19
20	–	·03	–	–	·02	–	–	·10	–	–	·03	–		20
21	–	–	–	–	–	·08	–	·08	·10	·06	·03	–		21
22	–	–	–	–	–	·02	–	·20	–	·37	–	–		22
23	–	·02	–	·13	–	–	–	·05	·43	·05	–	–		23
24	–	·77	–	·19	·05	·58	–	–	·66	–	–	–		24
25	–	1·85	–	·21	–	·10	–	–	·17	–	·03	·09		25
26	–	1·30	–	·10	–	–	–	–	–	·24	·05	–		26
27	–	·05	–	–	·17	–	–	–	·17	·09	–	–		27
28	–	·01	–	·08	–	–	·02	–	·04	·21	–	–		28
29	·02		–	·22	–	–	·13	–	–	·05	–	·03		29
30	·04	✕	·03	·03	–	–	·05	–	–	·09	–	·16		30
31	·12	✕	–	✕	–	✕	·20	–	✕	·10	✕	–		31
TOTAL	2·52	5·75	3·49	1·25	2·03	2·20	2·69	·61	1·89	5·79	2·79	·74	Year's Total 31·75	
*Days with ·01 in. or more.	18	19	14	11	13	11	14	7	19	19	17	9	162	
*Days with .04 in. or more.	13	15	10	9	10	9	12	5	9	18	11	5	126	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required

(*Signed*) John N Swales

[P.T.O.

Burbage

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

3106/4

Kept at Parsons House

in the County of Yorkshire

Diameter of Funnel of Gauge ... in. As Before

Height of top of Gauge above Ground ... in.

,, Ground ,, Sea Level ... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.07	–	–	–	–	–	–	.16	.09	.08	–	.22		1
2	–	.04	.08	–	–	–	–	.16	.26	–	.10	.25		2
3	.06	.09	–	–	–	–	–	–	–	.16	.02	–		3
4	.06	–	.37	.30	.02	–	–	–	.05	.45	–	1.43		4
5	–	–	.09	.01	.09	–	–	.48	–	.04	.21	.12		5
6	–	–	.04	–	.34	–	–	.24	–	.28	–	.65		6
7	.12	–	.04	–	.02	.05	–	.01	–	.07	.02	.24		7
8	–	–	.04	–	.11	.43	–	.03	.01	.10	.32	.04		8
9	–	.04	.26	.09	–	–	–	.05	–	–	.99	.19		9
10	.01	–	.38	.32	–	–	–	.08	–	.24	.10	–		10
11	.56	–	.17	.39	–	–	–	.05	–	.02	.01	.41		11
12	–	–	.32	.04	–	–	.35	.16	–	.05	–	.06		12
13	.59	–	.01	.04	.03	–	.04	.03	.02	.12	–	.01		13
14	.20	–	.21	–	.03	.05	–	–	–	.42	.42	.33		14
15	.16	–	.23	–	.34	–	–	–	.12	.07	.39	.10		15
16	.24	–	.14	–	.13	–	–	–	–	–	.10	.05		16
17	.31	–	.08	–	.08	–	.17	–	.09	.07	.03	.13		17
18	.07	–	.17	.17	.02	.02	.01	–	–	–	–	.08		18
19	–	–	.24	.08	.04	.69	–	–	.28	.01	–	.06		19
20	–	–	.03	.02	.08	–	–	–	.02	–	–	.03		20
21	–	–	–	–	–	.38	–	–	.07	.09	–	–		21
22	.02	–	–	–	.02	–	–	.10	.37	.09	–	.04		22
23	–	–	.10	.23	.03	–	.69	–	.01	.04	.19	.13		23
24	–	.17	.12	.27	–	.12	.03	.01	.12	.09	–	.04		24
25	.13	–	–	.07	.05	–	.23	–	.07	.20	–	.51		25
26	.23	–	–	.22	–	.03	.20	–	.14	–	.08	.12		26
27	–	.28	–	.79	–	.21	.21	–	.05	.22	–	.29		27
28	–	–	–	33	–	.13	.11	.10	–	.15	–	.43		28
29	–		–	–	–	–	–	.11	.44	.04	.01	.21		29
30	.06	×	–	–	–	–	.23	–	.02	.23	–	.12		30
31	–	×	–	×	–	×	.01	.10	×	.09	×	.02		31
TOTAL	2.89	.62	3.12	3.37	1.43	1.61	2.28	1.87	2.23	3.42	2.99	6.31	Year's Total. 32.14	
* Days with .01 in. or more.	16	5	20	16	16	10	12	16	18	25	15	28	197	
* Days with .04 in. or more.	14	.5	18	14	9	8	9	12	13	23	10	25	160	

40-9999

† Spare column, no entries required.

(Signed) ... [P.T.O.

* See Instruction 2 (f) on other side.

Burbage

Section A for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935. Station ~~No 5~~

3106/4

Kept at Parsons House

in the County of Yorkshire

Diameter of Funnel of Gauge .... in. as before

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·30	·15	27	·17	-	-	·04	-	·14	22	·13	·52	1
2	-	·08	·21	-	-	·35	-	-	-	·38	·06	·21	2
3	-	·37	·10	·07	-	·17	·18	-	-	-	·22	·08	3
4	-	-	·02	·03	-	·13	·04	-	·03	·68	-	·02	4
5	-	·20	·08	·15	-	·31	·06	-	·07	·01	·09	·03	5
6	·05	·01	-	·12	-	·29	-	-	-	-	-	-	6
7	·03	-	-	·16	-	·31	-	-	-	·25	·57	·14	7
8	-	-	-	·10	-	·21	-	·05	-	·08	·04	·52	8
9	-	-	·02	·23	-	·23	-	-	-	1·13	·21	·06	9
10	·01	·04	-	·32	-	·03	-	-	-	·11	·17	-	10
11	·28	·02	-	-	-	·03	-	-	-	·02	·17	·22	11
12	-	·09	-	-	-	·07	-	·01	·07	-	-	-	12
13	·09	·08	-	·08	·20	·03	-	-	·30	·03	·02	-	13
14	-	-	-	·10	·14	-	·02	·01	·33	-	·70	·17	14
15	-	·67	-	·44	·07	·08	·03	-	·16	·02	·16	·21	15
16	·02	·57	·22	·06	-	·33	·02	-	·74	·02	·84	-	16
17	-	·05	-	·21	-	·34	·13	-	·20	-	·93	-	17
18	·07	-	-	·21	·03	·13	·16	-	·30	·23	·13	-	18
19	·04	·03	-	·36	-	·17	·10	-	-	·19	·41	-	19
20	·03	·15	-	·34	-	·09	·05	-	-	-	·87	-	20
21	-	·63	-	·13	-	-	-	-	·39	·03	·31	·21	21
22	-	·12	·07	-	-	-	-	-	·03	-	·02	-	22
23	-	-	·52	-	-	-	-	·76	·05	·29	-	-	23
24	·55	·80	-	-	-	-	-	-	1·10	-	-	·20	24
25	·20	·25	·05	-	-	·49	-	-	-	-	-	·10	25
26	·01	-	-	-	-	-	·05	·80	·37	·58	·14	·38	26
27	-	·12	-	-	·02	-	·20	-	·35	·73	·16	·39	27
28	·03	-	-	-	·02	-	-	·05	·10	·23	·06	·20	28
29	·06		·06	-	-	-	-	-	·13	·19	·04	·26	29
30	·02	×	-	-	-	-	-	·10	·05	·56	·53	·07	30
31	·06	×	-	×	-	×	-	·01	×	·48	×	·31	31
TOTAL	1·85 ✓	4·43 ✓	1·62 ✓	3·28 ✓	·48 ✓	3·79 ✓	1·08 ✓	1·79 ✓	4·91 ✓	6·46	6·98 ✓	4·30 ✓	YEAR'S TOTAL 40.97
*Days with ·01 in. or more.	17	19 ✓	11 ✓	18 ✓	6 ✓	19	13	8	19 ✓	22	24	20	196
*Days with ·04 in. or more.	10	16 ✓	9 ✓	17 ✓	3	16	10	5 ✓	17 ✓	16	22	18	159

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) .... [P.T.O.

BURBAGE

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3106/4

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936 .

Kept at Parsons House,

in the County of Yorkshire.

Diameter of Funnel of Gauge............in.

Height of top of Gauge above Ground.........ft.........in. As before.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	.02	.33	1.07	-	.04	.05	.26	.03	-	.10	.18		1
2	.06	.05	.12	.09	-	1.14	.28	.17	.03	-	-	.27		2
3	.01	.04	.07	-	-	.15	-	.11	.34	-	.05	.10		3
4	.07	.20	.10	-	.01	.15	-	-	.12	.02	.20	.20		4
5	.14	.10	.24	-	.01	-	.01	.13	.14	-	-	.57		5
6	.04	-	-	-	.02	.04	.19	.53	.54	-	.28	-		6
7	.11	-	.06	-	-	-	.36	-	.56	.04	.07	.08		7
8	.19	-	.05	-	-	-	-	-	.05	-	.20	.09		8
9	.28	.03	.16	-	.02	.03	.76	-	-	.05	.20	-		9
10	.06	-	.02	.02	-	-	.47	-	.07	.02	.02	-		10
11	-	-	.02	.05	-	-	.17	-	.09	-	.83	-		11
12	-	-	-	.27	.08	1.04	.51	-	.74	-	.36	.05		12
13	-	-	-	.16	-	.15	.27	-	-	.10	.01	.62		13
14	-	-	-	.21	-	.13	-	.03	.20	.06	.20	.33		14
15	.24	.15	-	.06	.02	.01	.08	.08	.33	-	.51	.14		15
16	.08	.04	.02	.03	-	-	.02	-	-	.06	.64	.02		16
17	.04	.68	-	-	.08	-	.20	.04	-	.36	.17	.21		17
18	-	.06	-	.06	-	.10	.17	.03	-	.48	.01	.01		18
19	.34	.20	.02	.17	-	.20	.03	.43	-	.20	-	-		19
20	.03	.18	.02	.01	-	-	.07	.01	.04	.03	-	.03		20
21	.09	-	.08	.08	-	.22	-	-	-	.01	-	.03		21
22	.09	.14	.13	.01	.03	.13	.22	-	-	-	-	-		22
23	-	.02	.10	.12	.25	-	.48	-	-	.05	-	-		23
24	.20	.12	.01	.03	.23	-	.02	-	.25	.44	-	-		24
25	.11	-	.10	.12	-	.01	.08	-	.48	.23	-	-		25
26	.04	.16	.79	-	-	-	-	-	.05	.57	-	-		26
27	.24	-	.03	-	-	-	-	-	.24	.76	-	-		27
28	.27	.69	.08	-	-	-	.22	-	.02	-	.02	.15		28
29	.17	.54	.35	-	-	.51	-	-	-	.10	.16	.22		29
30	.13	×	-	-	1.06	.02	.09	-	-	.60	.10	.02		30
31	.01	×	.03	×	-	×	.01	-	×	-	×	.14		31
TOTAL	3.04 ✓	3.42 ✓	2.93 ✓	2.56 ✓	1.81 ✓	4.07 ✓	4.76 ✓	1.82 ✓	4.32 ✓	4.18 ✓	4.13 ✓	3.46 ✓	Year's Total 40.50	✓
* Days with .01 in. or more.	24 ✓	18 ✓	23 ✓	17 ✓	11	17 ✓	23 ✓	11 ✓	19 ✓	19 ✓	19 ✓	20 ✓	221 ✓	✓
* Days with .04 in. or more.	21 ✓	15	15 ✓	12 ✓	5 ✓	13 ✓	18 ✓	8 ✓	16 ✓	15 ✓	15 ✓	15 ✓	168 ✓	✓

40-9999.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

* See Instruction 2 (f) on other side.

COPY FOR OFFICIAL USE

ection **A** for the entry of Daily Observations

Station No. 3106/4

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Burbage (Parsons Ho.)

in the County of Yorks.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1309 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.12	.06	.08	–	–	–	–	–	.10	–	.09	.38		1
2	.14	.19	–	.37	–	–	–	–	–	–	–	1.98		2
3	–	.08	.04	.06	.10	.09	.01	–	–	–	–	.13		3
4	.16	.06	.13	.05	.03	–	–	–	–	–	–	.28		4
5	.69	.01	.16	–	.03	–	–	–	–	–	.01	.01		5
6	.17	–	.11	.07	.13	–	.06	–	–	–	.17	.25		6
7	.06	.70	–	.31	.14	.10	–	–	–	–	.06	.03		7
8	–	.64	–	.01	–	.01	.03	–	–	–	.14	.04		8
9	–	.40	–	.04	.41	–	.54	.03	–	–	–	.06		9
10	.03	.20	.05	.01	.01	.22	.02	–	–	.01	.03	.27		10
11	–	–	1.30	–	1.02	–	.01	–	–	–	–	.03		11
12	.32	.42	.15	–	.47	.08	–	.08	.23	–	–	.17		12
13	–	.03	.01	.02	.02	.48	–	.43	.09	–	–	.20		13
14	–	.03	.54	.01	.01	–	–	.10	.06	–	–	.14		14
15	.21	.30	–	.36	–	–	1.53	–	.04	–	–	–		15
16	.06	.31	.40	.34	.08	.04	–	.20	.40	–	–	–		16
17	.30	.02	.25	.26	.02	.02	–	–	.50	–	–	–		17
18	1.06	.17	.19	.03	–	–	.09	.07	.08	–	.71	–		18
19	–	.40	.02	.03	–	.14	.18	.02	–	–	.28	–		19
20	.23	.26	.08	.22	.78	.10	–	–	–	–	–	–		20
21	.08	.09	.03	.07	–	–	.31	–	–	.04	–	.05		21
22	.02	–	.01	.03	.04	–	.15	–	–	.27	.59	.05		22
23	.42	–	.03	–	.06	–	.22	–	–	1.36	.52	–		23
24	.37	.50	.10	–	.06	–	.02	–	–	.54	.03	.01		24
25	.10	.53	.04	–	–	–	.01	–	.04	.52	–	.01		25
26	–	.24	.08	–	.54	–	–	–	–	–	–	.03		26
27	–	.44	.03	.26	–	–	–	–	–	.98	–	.07		27
28	–	.54	.03	–	–	–	–	–	–	.01	–	.01		28
29	.04		–	–	–	–	–	–	–	.05	.06	.03		29
30	.52	✕	–	–	–	.17	–	.12	–	.10	.16	.08		30
31	.40	✕	–	✕	–	✕	–	–	✕	.26	✕	.05		31
TOTAL	5.50	6.62	3.86	2.55	3.95	1.45	3.18	1.05	1.54	4.14	2.85	4.36	Year's Total 41.05	
* Days with .01 in. or more.	21	24	23	19	18	11	14	8	9	11	13	24	195	
* Days with .04 in. or more.	19	20	16	12	12	9	8	6	9	9	10	16	146	

† Spare column, no entries required

(*Signed*) John N Dewales

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3106/4

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Burbage, Parsons House

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1309 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·09	·04	-	-	-	·93	·02	-	-	·05	·02	·24		1
2	·06	·10	-	·16	·05	·42	-	-	-	·21	·02	·07		2
3	·03	-	-	-	-	·01	·10	-	·20	1·21	·17	-		3
4	·14	-	-	·02	-	·04	·18	-	-	·44	·41	·30		4
5	-	-	-	·01	·	·01	·19	·12	·03	·27	·	·06		5
6	·04	·02	-	-	-	·02	·39	·06	·04	·15	·	·04		6
7	·16	-	-	-	-	-	·28	·07	·44	·07	·	·07		7
8	·45	-	-	-	-	-	·48	·01	-	·56	·	·07		8
9	·03	·28	·02	-	-	·11	·09	·01	·02	-	·	·32		9
10	·01	·06	-	-	-	·12	·42	·01	-	-	·02	·10		10
11	·33	·05	-	-	-	-	·08	-	-	·08	·07	·07		11
12	·21	-	-	-	·13	-	·02	·07	-	·51	·15	-		12
13	·09	·02	-	-	-	-	-	-	·02	-	·12	·35		13
14	·32	·02	-	-	·02	-	·36	-	·23	-	·05	-		14
15	·45	-	-	-	-	-	·30	·02	-	·03	·01	·28		15
16	·30	-	·03	-	-	-	·36	·07	-	·06	·17	·46		16
17	-	-	-	-	·30	-	·10	·02	·07	·30	·	·		17
18	·03	·02	-	-	·19	-	-	·10	·13	·10	·38	·01		18
19	-	·01	-	-	-	·02	-	·12	-	-	·	·05		19
20	·03	-	-	-	-	-	-	·02	·03	-	·42	·09		20
21	-	-	·02	-	-	·01	-	·04	-	-	·01	·35		21
22	-	-	-	·01	-	·17	-	-	-	-	·33	·19		22
23	-	-	-	-	·11	·05	-	-	·38	-	·55	-		23
24	·06	-	·13	-	-	·02	·06	-	·08	·02	·07	-	84	24
25	·13	·14	·03	-	-	-	-	·06	-	·21	·77	·04		25
26	·04	·42	·08	-	-	·09	-	-	·13	·15	·10	·12		26
27	·15	·08	-	-	·09	·32	·16	·32	·11	·01	·35	-		27
28	·33	·10	·04	-	·60	·27	·10	·33	·21	-	-	·08		28
29	·07		·33	·12	·83	-	·13	-	-	·02	·13	·16		29
30	·09	×	-	-	·12	-	-	-	·62	-	·10	·04		30
31	·21	×	-	×	·31	×	-	-	×	·29	×	·75		31
TOTAL	3·85	1·36	·68	·32	2·75	2·61	3·82	2·05	2·74	4·74	4·42	4·31	Year's Total 33·65	
* Days with .01 in. or more.	25	14	8	5	11	16	19	17	16	20	22	24	197	
* Days with .04 in. or more.	20	9	4	2	10	10	17	11	12	16	17	23	151	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3106/4

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

TRAVELLING FORM
VALUES FORWARDED MONTHLY

Kept at Burbage, Parsons House
in the County of W. R. Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 1309 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·05	-	·09	·12	·	-	-	·16	·04	-	·01	·08		1
2	·08	-	-	·19	-	-	·06	·17	1·35	·04	·06	·04		2
3	·03	-	-	·39	-	-	-	·59	-	-	·30	·10		3
4	·35	-	·25	·50	-	-	·12	·41	-	·42	·14	·40		4
5	-	-	-	·01	·17	-	·10	·25	-	·36	·28	·14		5
6	·53	-	·01	-	·	-	·74	·	-	·04	·21	·		6
7	·18	·14	·10	-	-	-	·08	-	-	-	·29	·35		7
8	·22	·12	·30	-	-	-	·27	-	-	·09	·14	·27		8
9	-	·31	-	-	-	-	·01	·27	-	·41	·02	·28		9
10	·54	-	·01	-	-	·02	-	·01	·04	·06	·	·		10
11	·05	·04	·14	-	·02	·24	-	·04	-	·02	·	·03		11
12	·11	·11	·	-	·01	·11	-	-	-	-	-	·01		12
13	·10	-	-	·08	·06	·16	·05	-	-	·06	·01	·		13
14	·65	-	-	·09	·28	·11	·80	-	-	·41	·10	·		14
15	·09	-	-	·06	·51	·49	·24	-	·02	·02	·04	·		15
16	·05	-	·15	-	1·06	-	·58	-	-	-	·18	·		16
17	1·27	·05	·01	·17	·11	·01	·02	-	-	1·74	·02	·		17
18	·38	·12	·04	-	-	·36	·20	-	·05	·02	1·09	·		18
19	·25	-	[illegible]	-	-	·10	·43	-	·06	-	·01	·02		19
20	·01	-	-	-	-	·21	·58	·69	·37	·	-	·		20
21	·15	·13	·30	·07	·05	·43	·02	·02	·33	·	-	·		21
22	·32	·20	·14	·03	·	-	·09	-	·09	·01	·29	·		22
23	·05	·30	·03	·21	·	·05	·04	-	-	·10	·34	·		23
24	·03	-	·04	·11	-	·07	·01	-	-	-	-	·		24
25	1·17	·03	·01	-	-	·01	-	·24	-	-	·86	·02		25
26	·11	·05	·01	-	-	-	-	-	-	·02	·15	·06		26
27	·05	·16	·76	-	-	·04	·03	-	-	·38	·25	·01		27
28	·01	·15	·47	·19	-	·13	·17	·05	-	-	·43	·		28
29	-	✕	-	·14	-	-	1·12	-	-	·29	·26	·		29
30	-	✕	-	·	-	·04	-	-	-	-	·14	·		30
31	-	✕	·02	✕	-	✕	·26	·07	✕	·13	✕	·		31
TOTAL	6·83	1·91	2·87	2·36	2·27	2·58	6·02	2·97	2·35	4·89	5·65	1·81	Year's Total 42·51	✓
* Days with .01 in. or more.	26	14	18	15	9	17	23	13	9	19	24	14	201	✓
* Days with .04 in. or more.	22	13	12	13	7	14	18	11	8	14	19	9	160	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John K Swales

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3106/4

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Burbage, Parsons House

in the County of W. R. Yorks.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1309 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1		.26		.02							.32	-		1
2		.02		.40			.05				.39	.12		2
3	01	.11	.05	.15			.16		.03	.15	.09	.04		3
4		.18		.04			.02			.16	.38	.10		4
5					.05		.14			.36	.27	.36		5
6		.23								.58	.07	.17		6
7	09	.24		.17	.14			.01	.12			.02		7
8				.04						.21	.01	.18		8
9			.20				.09	.08	.15	.13	.92	.18		9
10							.66	.16	.02		.46	.34		10
11		.11	.02	.06			.34				.96			11
12		.06	.24			.05	.06		.23		.61			12
13			.45						.21					13
14		.02		.31	.12			.03	.02	.02		.47		14
15			.04	.01					.01		.25			15
16	.06	.37	.12			.02	.39		.42	.87	.84			16
17		.14	.45	.02	.10		.09		.09		.37			17
18	.10	.21	.17	.63				.05	.09	.04		.18		18
19		.24	.12	.29		.03	.40		.33	.11	.29	.04		19
20				.27			.04	.33		.08	.14			20
21			.14			.39	.20			.06	1.25			21
22		.01	.02		.20			.01	.12	.09		.03		22
23		.10	.15	.04	.09	.23	.02		.02	.05	.14	.12		23
24	.16			.05			.03			.15				24
25						.05				.04				25
26	.52				.03	.10	.01	.06		.08	.03			26
27	1.05	.14		.02				.01	.06		.04			27
28	.98	.46			.17									28
29			.16	.08	.21	.06	.05					.28		29
30	.10	✕		.10						.28		.33		30
31	.08	✕	.16	✕		✕			✕	1.13	✕	.26	Year's Total	31
TOTAL	3.15	2.89	2.49	2.70	1.11	.93	2.75	.74	1.92	4.59	7.83	3.22	34.32	
* Days with .01 in. or more.	10	17	15	18	9	8	17	9	15	19	20	17	174	
* Days with .04 in. or more.	9	14	13	14	8	6	13	5	10	18	18	15	143	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*)

P.T.O.

3106/6

BURBAGE, HIGGERLODGE

1933 —— 40

780507

FORM 1090. **B** Mo
Su

bage :-
3106/6
~~260~~

*** The following register of monthl
&c., is NOT required if daily o
values are given on the other sid

d also the space for

ster should be sent:— Engineer & Manager Sheffield

RAINFALL IN 1933

At Higger Lodge

In the County of Derbyshi

in Summer 9 am

Direction from gauge

Direction from gauge

Rain Gauge
Diameter of Funnel
Height of Top above Ground ft
Height of Ground above Sea Level

Month.	Total Depth.	Greatest Fall in 24 hours.		Num Day ·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2.49				
FEB.	6.00				
MAR.	3.02				
APRIL	1.36				
MAY	2.01				
JUNE	2.37				
JULY	2.33				
AUG.	·66				
SEPT.	1.75				
OCT.	5.77				
NOV.	2.82				
DEC.	·63				
Total	31·21				

Distances ..

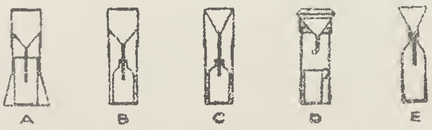
Directions from gauge ..

If gauge has been moved during the year state—

Date of move................ Distance................ Direction................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature John N Swales

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

page :-
3106/6
~~2687~~

RM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933

At Higger Lodge
In the County of Derbyshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2.49				
FEB.	6.00				
MAR.	3.02				
APRIL	1.36				
MAY	2.01				
JUNE	2.37				
JULY	2.33				
AUG.	·66				
SEPT.	1.75				
OCT.	5.77				
NOV.	2.82				
DEC.	·63				
Total	31·21				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales. M. Inst CE. Engineer & Manager
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....
Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

1.45
1.16

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

Burbage
No 5
3106/6

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Higger Lodge.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel As Before in.
- *Height of Top above Ground* *in.*
- *Height of Ground above Sea Level* *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·47				
FEB.	·47				
MAR.	3·02				
APRIL	3·20				
MAY	1·76				
JUNE	1·41				
JULY	2·24				
AUG.	1·99				
SEPT.	2·60				
OCT.	3·99				
NOV.	2·83				
DEC.	6·12				
Total	33·10				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J.K. Swales Esq M.Inst.C.E. Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

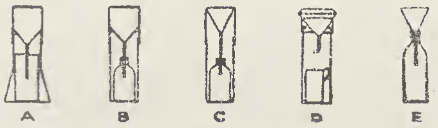
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

FORM 1090. **B** Monthly Summary.

C Particulars of Station.

No ~~3~~ 310616

Burbage.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1935

At Higger Lodge

In the County of Yorkshire.

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground ft *in.*

Height of Ground above Sea Level *ft.*

as Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	2·23				
FEB.	5·00				
MAR.	1·69				
APRIL	3·35				
MAY	·33				
JUNE	3·74				
JULY	1·11				
AUG.	1·89				
SEPT.	5·30				
OCT.	7·40				
NOV.	7·14				
DEC.	4·56				
Total	43·74				

Signature John K. Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales Esq M Inst CE. Manager + Engineer

Water Dept. Town Hall. Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

as Before

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}{\cdot}14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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BURBAGE

3106/6

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Higger Lodge.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel ... in.
- *Height of Top above Ground* ... *ft.* ... *in.*
- *Height of Ground above Sea Level* ... *ft.*

As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.29				
FEB.	3.09				
MAR.	2.70				
APRIL	2.28				
MAY	2.22				
JUNE	3.89				
JULY	4.76				
AUG.	1.85				
SEPT.	4.15				
OCT.	4.70				
NOV.	4.39				
DEC.	3.94				
TOTAL	41.26				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station ... Distance ... Direction from gauge ...

Nearest Parish Church at ... Distance ... Direction from gauge ...

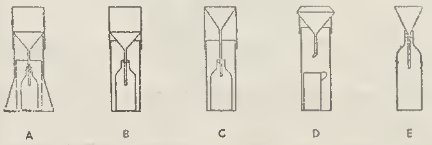
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move ... Distance ... Direction ...

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :— ...

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\Big\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3106/6

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Burbage (Higger Lo.)

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1225 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·61				
FEB.	6·72				
MAR.	3·86				
APRIL	2·46				
MAY	3·82				
JUNE	1·44				
JULY	3·30				
AUG.	1·10				
SEPT.	1·52				
OCT.	3·88				
NOV.	2·45				
DEC.	4·35				
TOTAL	40·51				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst C.E.
General manager and Engineer
Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

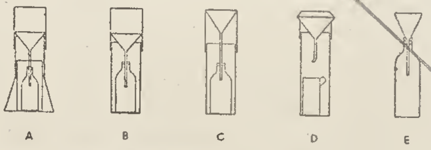
As before

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3106/6

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Burbage, Higger Lodge

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1225 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·34				
FEB.	1·72				
MAR.	·84				
APRIL	·36				
MAY	3·90				
JUNE	2·86				
JULY	3·98				
AUG.	2·16				
SEPT.	2·88				
OCT.	5·88				
NOV.	5·02				
DEC.	4·84				
TOTAL	37·88				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

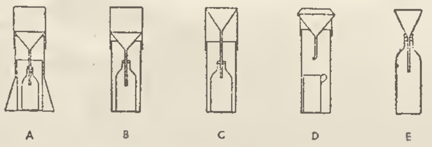
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3106/6

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Burbage, Higger Lodge

In the County of W.R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1225 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·93	✓			
FEB.	2·25	✓			
MAR.	3·20	✓			
APRIL	2·35	✓			
MAY	2·26	✓			
JUNE	2·81	✓			
JULY	5·62	✓			
AUG.	2·70	✓			
SEPT.	2·23				
OCT.	5·07	✓			
NOV.	6·11	✓			
DEC.	1·93	✓			
TOTAL	43·46				

Signature John K Swales ✓

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E. General Manager & Engineer,
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

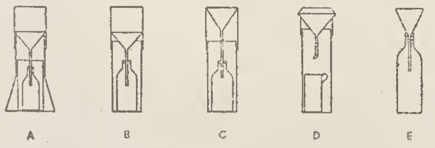
Nature of objects nearest to gauge				
Height of objects				
Distances ...	As before			
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

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(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in **dry**, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3106/6

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Burbage, Higger Lodge

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1225 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3·22)				
FEB.	(2·93)				
MAR.	2·61	✓			
APRIL	2·82	✓			
MAY	1·15	✓			
JUNE	·91	✓			
JULY	3·10	✓			
AUG.	1·01	✓			
SEPT.	2·36	✓			
OCT.	4·66	✓			
NOV.	8·51				
DEC.	3·33				
TOTAL	(36·61)	J			

Signature John K Swales

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales Esq., M.Inst.C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

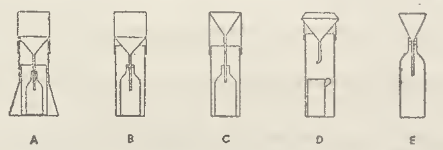
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan & Feb estd by obs?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91
S.O. Code No. 40-9999

FORM 1090.

B Mont
Sumi

, The following register of monthly
&c., is NOT required if daily or
values are given on the other side.

3106/8

UPPER BURBAGE
1933 — 40

780507

urbage! 3106/8

~~6875~~

3106/8

also the space for

r should be sent:—
er + Manager
Sheffield

RAINFALL IN 1933

At Upper Burbage
In the County of Derbyshire

Rain Gauge
Diameter of Funnel 8
Height of Top above Ground 1
Height of Ground above Sea Level

Summer Garn
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Numb Days ·01 in. or more	or more
	Inches	Inches	Date.	*	*
JAN.	2·62				
FEB.	5·92				
MAR.	3·33				
APRIL	1·56				
MAY	2·20				
JUNE	2·42				
JULY	2·99				
AUG.	·66				
SEPT.	2·02				
OCT.	5·96				
NOV.	3·09				
DEC.	·81				
Total	33·58				

Distances ..				
Directions from gauge ..				

Done

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do **not** represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature John K

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

urbage.

3106/8

3106/8

FORM 1090. **B** Mont Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Upper Burbage.

In the County of Derbyshire.

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* ft. 3 *in.*
- *Height of Ground above Sea Level* *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·62				
FEB.	5·92				
MAR.	3·33				
APRIL	1·56				
MAY	2·20				
JUNE	2·42				
JULY	2·99				
AUG.	·66				
SEPT.	2·02				
OCT.	5·96				
NOV.	3·09				
DEC.	·81				
Total	33·58				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales. M.Inst.C.E. Engineer & Manager
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances				
Directions from gauge				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Burbage

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Upper Burbage

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·45				
FEB.	·73				
MAR.	3·90				
APRIL	3·60				
MAY	1·75				
JUNE	1·77				
JULY	2·47				
AUG.	2·12				
SEPT.	2·73				
OCT.	4·08				
NOV.	2·99				
DEC.	6·81				
Total	36·40				

Signature John K Swales

*See Instruction 2 ~~(f) below~~.

C Particulars of Station.

No 5

3106/8

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq M Inst CE Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge	As Before			
Height of objects				
Distances				
Directions from gauge				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1935

At Upper Burbage

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	2·53				
FEB.	5·45				
MAR.	1·93				
APRIL	3·66				
MAY	·40				
JUNE	3·99				
JULY	1·38				
AUG.	2·07				
SEPT.	5·76				
OCT.	7·37				
NOV.	8·03				
DEC.	5·24				
Total	47·81 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. ✓

Burbage
No 3. 310618

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M Inst CE Manager & Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

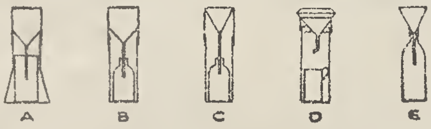
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 | } ·14 | would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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BURBAGE
3106/8

Form 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Upper Burbage.

In the County of Yorkshire.

Rain Gauge
- Diameter of Funnel........................in.
- *Height of Top above Ground*.........*ft*.............*in.* As before.
- *Height of Ground above Sea Level*...................*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	4.00				
Feb.	3.48				
Mar.	3.58				
April	2.74				
May	2.34				
June	4.38				
July	5.05				
Aug.	1.84				
Sept.	4.43				
Oct.	4.53				
Nov.	4.57				
Dec.	4.30				
Total	45.24 ✓				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................... Distance.................. Direction from gauge............

Nearest Parish Church at.................... Distance.................. Direction from gauge............

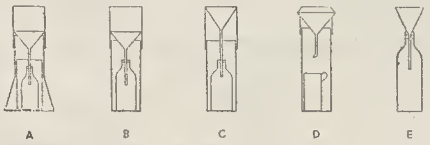
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3106/8

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Burbage (Upper Burbage)

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1364 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6·58				
FEB.	6·96				
MAR.	4·18				
APRIL	2·68				
MAY	4·11				
JUNE	1·55				
JULY	3·45				
AUG.	1·19				
SEPT.	1·52				
OCT.	4·16				
NOV.	2·86				
DEC.	4·46				
TOTAL	43·70				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

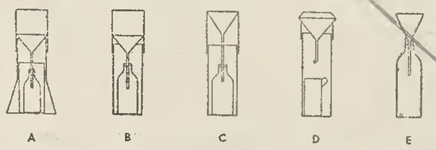
as before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{l}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3106/8

FORM 1090.

B Monthly Summary.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1938.

At Burbage, Upper Burbage

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1364 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.75 ✓				
FEB.	1.82 ✓				
MAR.	1.05 ✓				
APRIL	·34 ✓				
MAY	3.14 ✓				
JUNE	3.17 ✓				
JULY	4.78 ✓				
AUG.	1.81 ✓				
SEPT.	3.37 ✓				
OCT.	6.44 ✓				
NOV.	5.79 ✓				
DEC.	5.03 ✓				
TOTAL	41·49 ✓				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager Engineer

Sheffield Corporation Waterworks Town Hall Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

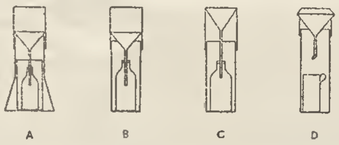
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

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(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3106/8

FORM 1090.

B Monthly Summary.

** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1939.

At Burbage, Upper Burbage

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1364 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·39				
FEB.	2·75				
MAR.	3·41				
APRIL	2·74				
MAY	2·32				
JUNE	2·81				
JULY	6·25				
AUG.	2·94				
SEPT.	2·55				
OCT.	4·91				
NOV.	6·45				
DEC.	2·28				
TOTAL	46·80				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

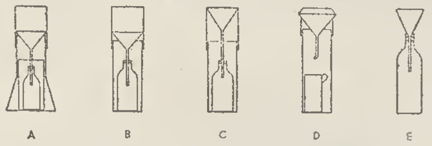
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

3106/8

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Burbage, Upper Burbage

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1364 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3·44)				
FEB.	(3·20)				
MAR.	2·96				
APRIL	3·35				
MAY	1·21				
JUNE	·95				
JULY	3·32				
AUG.	·88				
SEPT.	2·56				
OCT.	5·07				
NOV.	8·58				
DEC.	3·60				
TOTAL	(39·12)				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq., M Inst C.E., General Manager & Engineer
Sheffield Corpⁿ Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

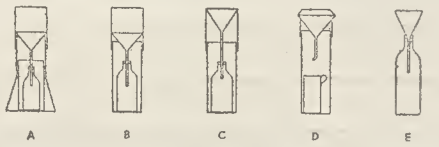
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan & Feb estd by obs ?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090. **B** Mo Su

3107

*** The following register of month &c., is NOT required if daily o values are given on the other si

nd also the space for

ster should be sent:—

—

3107

ABBEY BROOK

1931 —— 33

280507

RAINFALL IN 1931

At No. 65 abbey Bu

In the County of yorks

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level 88

in Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu Da ·01 i or m	
	Inches.	Inches.	Date.	*	
JAN.	7.54				
FEB.	6.79				
MAR.	0.26				
APRIL	6.31				
MAY	2.47				
JUNE	6.49				
JULY	5.11				
AUG.	7.43				
SEPT.	5.88				
OCT.	2.28				
NOV.	6.21				
DEC.	2.57				
Total	58.34				

Directions from gauge ..

Signature S.B. Wriser

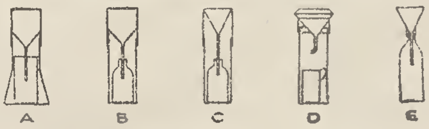
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B

Me
Su

3107

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931.

At No. 65 Abbey Brook.

In the County of Yorks

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft* 0 *in.*

Height of Ground above Sea Level 885 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7·54				
FEB.	6·79				
MAR.	0·26				
APRIL	6·31				
MAY	2·47				
JUNE	6·49				
JULY	5·11				
AUG.	7·43				
SEPT.	5·88				
OCT.	2·28				
NOV.	6·21				
DEC.	2·54				
Total	58·34				

Signature S. B. Wriser

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

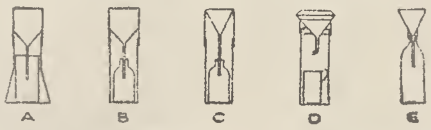
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3107

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At No. 65, Abbey Brook

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 825 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	6.32				
FEB.	0.40				
MAR.	3.17				
APRIL	6.47				
MAY	5.48				
JUNE	0.92				
JULY	4.98				
AUG.	1.75				
SEPT.	4.09				
OCT.	7.75				
NOV.	4.39				
DEC.	2.36				
Total	48.08				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter in Summer

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

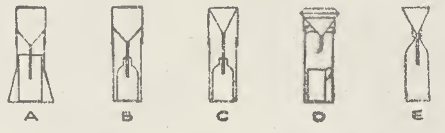
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

FORM 1090. | **B** | Monthly Summary.

3107

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At 65, Abbey Brook

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 825 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.60 ✓				
FEB.	5.83 ✓				
MAR.	3.36 ✓				
APRIL	1.64 ✓				
MAY	1.88 ✓				
JUNE	2.94 ✓				
JULY	3.23 ✓				
AUG.	·84 ✓				
SEPT.	1.68 ✓				
OCT.	6.43 ✓				
NOV.	3.47 ✓				
DEC.	0.80 ✓				
Total	35.70 ✓				

Signature R.W.S. Thompson

*See Instruction 2 (*f*) below.

| **C** | Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter........ in Summer........

Nearest Railway Station........ Distance........ Direction from gauge........

Nearest Parish Church at........ Distance........ Direction from gauge........

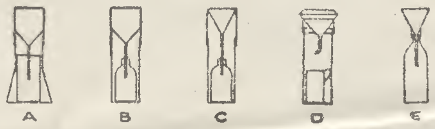
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

| D | INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Montl
Sumr

3107/1

HOWDON DEAN NO72
1934 — 40

780507

3107/1

X/ w.Rdy/5

*** The following register of monthly
&c., is NOT required if daily or v
values are given on the other side.

also the space for

should be sent:—

RAINFALL IN 1934

At Howden ~~Dene~~ Dean (No. 72

In the County of York

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 *ft.* 0
Height of Ground above Sea Level 96

Summer
Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Numb Days ·01 in. or more	or more
	Inches	Inches	Date.	*	*
JAN.	3·99 ✓				
FEB.	0·42 ✓				
MAR.	4·99 ✓				
APRIL	3·80 ✓				
MAY	2·27 ✓				
JUNE	1·51 ✓				
JULY	3·47 ✓				
AUG.	3·14 ✓				
SEPT.	3·83 ✓				
OCT.	5·78 ✓				
NOV.	4·50 ✓				
DEC.	6·17				
Total	43·87 ✓				

Distances ..

Directions from gauge ..

Signature R W S Thompson

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

see Loc 58 H file 660 6cg/26
new site selected by L&G.

C 1934

OK

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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1X/[illegible]/5

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Howden ~~Dene~~ Dean (No. 72)

In the County of York.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 in.
Height of Ground above Sea Level 965 ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·99 ✓				
FEB.	0·42 ✓				
MAR.	4·99 ✓				
APRIL	3·80 ✓				
MAY	2·27 ✓				
JUNE	1·51 ✓				
JULY	3·47 ✓				
AUG.	3·14 ✓				
SEPT.	3·83 ✓				
OCT.	5·78 ✓				
NOV.	4·50 ✓				
DEC.	6·17				
Total	43·87 ✓				

Signature R.W.S. Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ...... in Summer ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

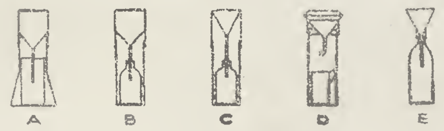
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

see Loc 58 H file 660 6[illegible]/26
new site selected by D.G.

C 1934

OK

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N

3107/1

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Howden ~~[illegible]~~ Dean No. 72

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 965 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.05				
FEB.	7.50				
MAR.	2.00				
APRIL	3.90				
MAY	0.82				
JUNE	3.95				
JULY	2.05				
AUG.	1.93				
SEPT.	6.18				
OCT.	10.91				
NOV.	7.80				
DEC.	6.00				
Total	56.09				

Signature W. B. Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

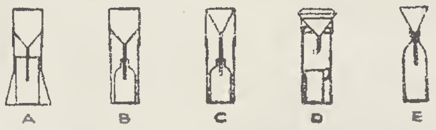
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

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310/1

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.*

RAINFALL IN 1936.

At Howden Dean N° 72

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 965 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·50				
FEB.	4·75	estimated			
MAR.	5·16				
APRIL	2·75				
MAY	2·50				
JUNE	4·00				
JULY	5·00				
AUG.	2·73				
SEPT.	6·90				
OCT.	5·99				
NOV.	6·49				
DEC.	5·98				
Total	56·75				

Signature W S Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

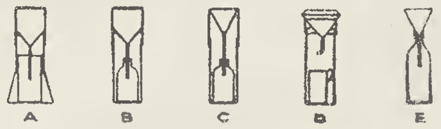
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

3107/A

Form 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Howden Dean 72.

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 960 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·50				
FEB.	7·76				
MAR.	4·58				
APRIL	3·36				
MAY	3·87				
JUNE	1·60				
JULY	3·87				
AUG.	1·75				
SEPT.	2·21				
OCT.	4·11				
NOV.	2·67				
DEC.	5·19				
TOTAL	48·33				

Signature W. S. Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— Gauge Site. Latitude. 53°-25'-46". N.
Longitude. 1°-43'-17". W.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

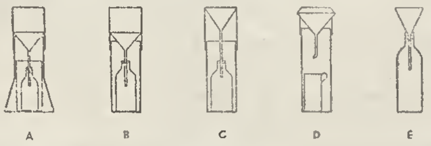
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3107/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Howden Dam 72

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 960 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	✓ 6·85				
FEB.	2·88				
MAR.	1·70 ✓				
APRIL	·50 ✓				
MAY	3·78				
JUNE	3·86 ✓				
JULY	5·71 ✓				
AUG.	2·61 ✓				
SEPT.	3·29 ✓				
OCT.	10·14 ✓				
NOV.	6·90 ✓				
DEC.	5·35	Estimated			
TOTAL	53·57 ✓				

Signature R. W. S. Thompson.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— The Engineer The Derwent Valley Water Board. Bamford. Sheffield

Hour of observation by the clock—in Winter.......................in Summer.......................

Nearest Railway Station....................... Distance.............. Direction from gauge..............

Nearest Parish Church at....................... Distance.............. Direction from gauge..............

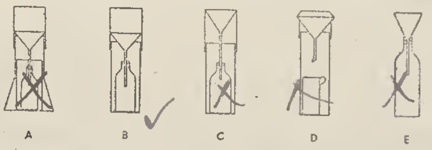
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move....................... Distance.............. Direction..............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

Dec. est. is in good agreement with nearby stations ~~mean~~. 20/2/39.

TRAVELLING FORM.

VALUE F

Dec est.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

FORM 1090.

B Monthly Summary.

C Particulars of Station.

3107/1

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Howden Dam 72

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 960 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7.70 ✓	Estimated			
FEB.	4.05 ✓				
MAR.	4.05 ✓				
APRIL	3.18 ✓				
MAY	2.64 ✓				
JUNE	3.30 ✓				
JULY	8.40 ✓				
AUG.	3.08				
SEPT.	3.12				
OCT.	5.50				
NOV.	9.00				
DEC.	4.14 ✓				
TOTAL	58.16				

Signature W. B. Thompson

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— The Engineer. The Derwent Valley Water Board. Bamford. Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

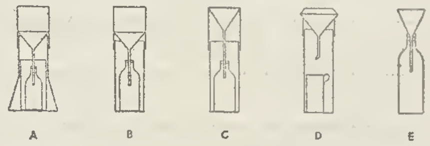
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

- (a) Is it known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005 ; *this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this* ·005 *mark or between this* ·005 *and the* ·01 *mark are to be entered as* ·01 *even though they may be nearer to the* ·005 *mark than the* ·01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3107/1

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Howden Dean No. 72.

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel.........................in.
- *Height of Top above Ground.........ft...............in.*
- *Height of Ground above Sea Level..................ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4.00)	Estimated			
FEB.	(3.30)	Estimated			
MAR.	3.80 ✓				
APRIL	4.00 ✓				
MAY	1.44 ✓				
JUNE	·91 ✓				
JULY	3.52 ✓				
AUG.	1.61 ✓				
SEPT.	4.44 ✓				
OCT.	5.34 ✓				
NOV.	11.50 ✓				
DEC.	5.67 ✓				
TOTAL	49.53 ✓				

Signature ... W B Thompson

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer....................

Nearest Railway Station.............................. Distance.................Direction from gauge..............

Nearest Parish Church at.............................. Distance.................Direction from gauge..............

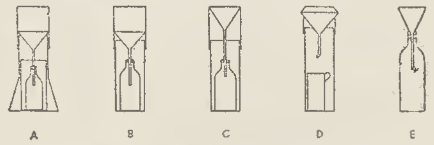
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction...........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan Feb estd. by observer.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090. **B** Mo
Su

3108

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3108

HOWDEN CLOUGH No 64A
1931 —— 40

780507

*** The following register of month
&c., is NOT required if daily c
values are given on the other si

nd also the space for

ster should be sent:—

RAINFALL IN 193*1*

At *No. 64 Howden Cl*

In the County of *yorkshir*

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level 1,

in Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		Nu Da ·01 i or m	
	Inches.	Inches.	Date.	*	
JAN.	7·88				
FEB.	6·95				
MAR.	0·19				
APRIL	5·90				
MAY	2·39				
JUNE	5·92				
JULY	4·97				
AUG.	8·02				
SEPT.	5·70				
OCT.	1·88				
NOV.	7·08				
DEC.	2·54				
Total	59·42				

Signature S.B.Winer

*See Instruction 2 (*f*) below.

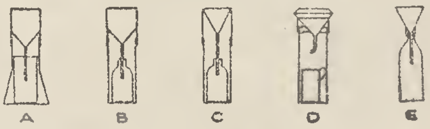
Directions from gauge ..

If gauge has been moved during the year state—

Date of move............ Distance............ Direction............

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02, *or* 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B

Mo
Su

3108

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931.

At No. 64 Howden Clough.

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 1,030 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7.88				
FEB.	6·95				
MAR.	0·19				
APRIL	5·90				
MAY	2·39				
JUNE	5·92				
JULY	4·97				
AUG.	8·02				
SEPT.	5·70				
OCT.	1·88				
NOV.	7·08				
DEC.	2·54				
Total	59·42				

Signature S.B.Winser

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3108

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At No. 64. Howden Clough

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 1,030 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5.18				
FEB.	0.57				
MAR.	3.60				
APRIL	6.78				
MAY	5.21				
JUNE	0.95				
JULY	4.88				
AUG.	1.70				
SEPT.	4.14				
OCT.	8.20				
NOV.	4.66				
DEC.	2.44				
Total	48.31				

Signature

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hours of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge

Heights of objects

Distances ..

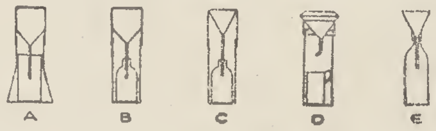
Directions from gauge ..

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{c}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

3108

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At C.H. Howden Clough

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1,030 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·71 ✓				
FEB.	5·08 ✓				
MAR.	3·29 ✓				
APRIL	1·77 ✓				
MAY	1·93 ✓				
JUNE	2·67 ✓				
JULY	3·39 ✓				
AUG.	0·71 ✓				
SEPT.	1·62 ✓				
OCT.	6·31 ✓				
NOV.	3·39 ✓				
DEC.	0·74 ✓				
Total	34·61 ✓				

Signature R.W.S. Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

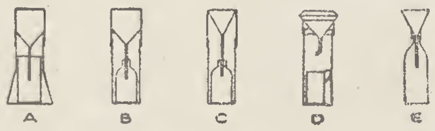
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

3108

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Howden Clough (No. 64A)

In the County of York

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1,030 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·71 ✓				
FEB.	0·48 ✓				
MAR.	5·15 ✓				
APRIL	3·72 ✓				
MAY	2·25 ✓				
JUNE	1·41 ✓				
JULY	3·43 ✓				
AUG.	2·95 ✓				
SEPT.	3·50 ✓				
OCT.	5·50 ✓				
NOV.	4·31 ✓				
DEC.	6·19				
Total	43·60 ✓				

Signature RWS Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3108

dup.

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Howden Clough No64A

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 1,030 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·09				
FEB.	6·80				
MAR.	1·94				
APRIL	3·92				
MAY	0·82				
JUNE	3·56				
JULY	1·75				
AUG.	1·83				
SEPT.	6·27				
OCT.	10·00				
NOV.	8·55				
DEC.	5·28				
Total	53·81				

Signature WS Thompson.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.O.
3 FEB 1936

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3108

FORM 1090.

B Monthly Summary.

***The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At Howden Clough No. 64

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 1030 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·85				
FEB.	4·86				
MAR.	4·20				
APRIL	2·78				
MAY	2·51				
JUNE	4·29				
JULY	4·53				
AUG.	2·42				
SEPT.	7·16				
OCT.	4·98				
NOV.	6·81				
DEC.	4·92				
Total	54·31 ✓				

Signature W B Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Fo 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Derwent Dale, Howden Clough. 64A.

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1010 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04in. or more
	Inches	Inches	Date	*	*
JAN.	7·05 ✓				
FEB.	7·96 ✓				
MAR.	4·10				
APRIL	3·26				
MAY	3·98				
JUNE	1·41 ✓				
JULY	3·50 ✓				
AUG.	1·74 ✓				
SEPT.	1·83 ✓				
OCT.	4·20 ✓				
NOV.	2·85 ✓				
DEC.	5·15	Estimated.			
TOTAL	47·03 ✓	✓ M			

Signature W. B. Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Gauge Site. Latitude 53°26'18" N.

Longitude 1°43'54" W.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

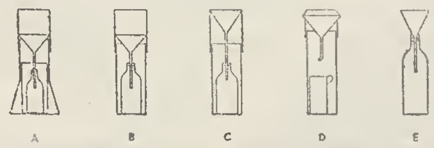
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3108

Form 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Derwent Dale, Howden Clough

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1010 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
Jan.	6.05				
Feb.	2.82				
Mar.	1.54				
April	.35 ✓				
May	3.78	✓			
June	4.00				
July	4.88 ✓				
Aug.	2.84 ✓				
Sept.	3.71 ✓				
Oct.	(10.00)	Estimated			
Nov.	6.90	Estimated			
Dec.	5.72				
Total	52.59 ✓				

Signature W. S. Thompson.

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— The Engineer: The Derwent Valley Water Board: Bamford: Sheffield

64A Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

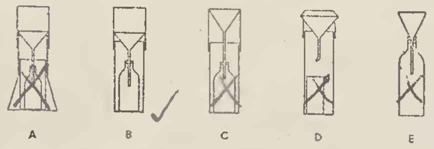
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

October } estimations are in good agreement with nearby
November } stns.
L.C.B. 21/x1

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt.1046/3030. 26,000. 4/36. W. H. & S. 668/91.
S.O. Code No. 40-9999

3108

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Derwent Dale, Howden Clough No 64.

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1010 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7.71	✓			
FEB.	3.90	✓			
MAR.	4.52	✓			
APRIL	3.23	✓			
MAY	(3·00)	Estimated.			
JUNE	3.42	✓			
JULY	(8.40)	Estimated			
AUG.	3.53	✓			
SEPT.	2.98	✓			
OCT.	5·74				
NOV.	(9.10)	Estimated			
DEC.	(4.30)	Estimated			
TOTAL	(59·83)				

Signature W. B. Thompson

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
The Engineer The Derwent Valley Water Board.
Bamford Sheffield.

Hour of observation by the clock—in Winter.................in Summer.................

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

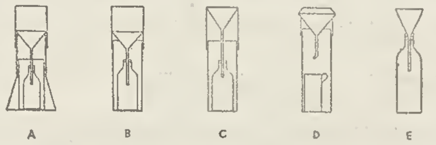
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

ests.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3108

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Derwent Dale, Howden Clough, No 64 A.

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel......................in.
Height of Top above Ground.........ft............in.
Height of Ground above Sea Level................ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3.95) ✓	Estimated			
FEB.	(3.25) ✓	No brackets			
MAR.	(3.80) ✓	Estimated			
APRIL	4.29 ✓				
MAY	(1.35) ✓	Estimated			
JUNE	1.01 ✓				
JULY	3.94 ✓				
AUG.	1.70 ✓				
SEPT.	(4.45) ~~4.18~~ ✓	Estimated			
OCT.	5.37 ✓				
NOV.	(11.60) ✓	Estimated			
DEC.	6.01 ✓				
TOTAL	(50.72) ~~50.45~~ ✓				

Signature W. B. Thompson

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer..................

Nearest Railway Station................................ Distance..............Direction from gauge............

Nearest Parish Church at................................ Distance..............Direction from gauge...........

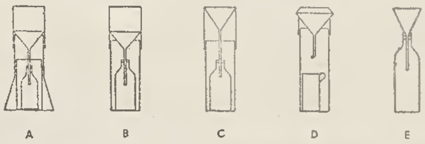
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090. **B**

3109

3109

Howden House No 19

1931 —— 33

750507

*** The following register of mo
&c., is NOT required if daily
values are given on the other

and also the space for

register should be sent:—

RAINFALL IN 193

At No. 19. Howden

In the County of Yorksh

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 ft
Height of Ground above Sea Level

in Summer

Direction from gauge

Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	7.94				
FEB.	6.94				
MAR.	0.48				
APRIL	6.80				
MAY	2.74				
JUNE	6.36				
JULY	5.17				
AUG.	7.43				
SEPT.	5.99				
OCT.	2.18				
NOV.	5.66				
DEC.	2.43				
Total	60.12				

Signature L Browne

*See Instruction 2 (*f*) below.

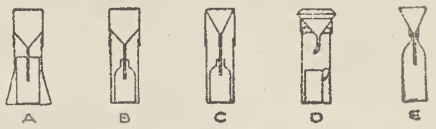
Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace"*
The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B**

3109

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931.

At No. 19. Howden House

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 890 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	7.94				
FEB.	6.94				
MAR.	0.48				
APRIL	6.80				
MAY	2.74				
JUNE	6.36				
JULY	5.17				
AUG.	7.43				
SEPT.	5.99				
OCT.	2.18				
NOV.	5.66				
DEC.	2.43				
Total	60.12				

Signature

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

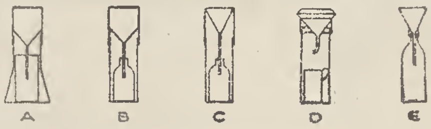
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* *9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3109

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932.

At No. 19. Howden House.

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft* 0 *in.*
- *Height of Ground above Sea Level* 890 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·01				
FEB.	0·71				
MAR.	3·20				
APRIL	6·61				
MAY	5·46				
JUNE	1·04				
JULY	4·90				
AUG.	1·74				
SEPT.	3·91				
OCT.	8·12				
NOV.	4·36				
DEC.	2·30				
Total	47·36				

Signature S. B. Turner

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

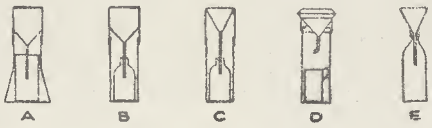
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3109

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933.

At 19 Howden House

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 890 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.55 ✓				
FEB.	5.20 ✓				
MAR.	3.24 ✓				
APRIL	1.68 ✓				
MAY	2.01 ✓				
JUNE	3.04 ✓				
JULY	3.63 ✓				
AUG.	1.01 ✓				
SEPT.	1.56 ✓				
OCT.	6.95 ✓				
NOV.	3.50 ✓				
DEC.	0.86 ✓				
Total	36.23 ✓				

Signature RWS Thompson

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

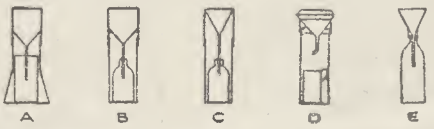
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

3110

FORM 1090. **B** Month
Summ

3110

SANDY LEE No 7

1931 —— 35

780507

*** The following register of monthly t
&c., is NOT required if daily or w
values are given on the other side.

also the space for

should be sent:—

Summer

Direction from
gauge

Direction from
gauge

gauge ..

RAINFALL IN 1931

At No. 7. Sandy Lee

In the County of Yorkshi

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 *ft.*
Height of Ground above Sea Level 134

Month.	Total Depth.	Greatest Fall in 24 hours.		Numbe Days ·01 in or more	
	Inches.	Inches.	Date.	*	
JAN.	6.15				
FEB.	5.56				
MAR.	1.50				
APRIL	6.24				
MAY	3.31				
JUNE	6.18				
JULY	5.37				
AUG.	8.22				
SEPT.	6.57				
OCT.	1.82				
NOV.	6.57				
DEC.	1.68				
Total	59.17				

Signature

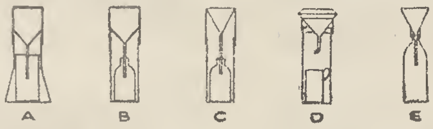
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Month
Summary.

3110

, **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

At No. 7. Sandy Lee
In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 1,340 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.15				
FEB.	5.56				
MAR.	1.50				
APRIL	6.24				
MAY	3.31				
JUNE	6.18				
JULY	5.37				
AUG.	8.22				
SEPT.	6.57				
OCT.	1.82				
NOV.	6.57				
DEC.	1.68				
Total	59.17				

Signature

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

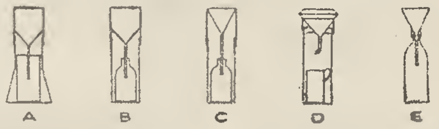
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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3110

FORM 1090. **B** Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932.

At No. 7 Sandy Lee

In the County of ~~Derbyshire~~ Yorkshire

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 1,340 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·85				
FEB.	·72				
MAR.	2·87				
APRIL	5·86				
MAY	6·15				
JUNE	1·02				
JULY	4·93				
AUG.	2·23				
SEPT.	3·44				
OCT.	6·82				
NOV.	4·45				
DEC.	2·10				
Total	46·44				

Signature S. B. Wriser

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

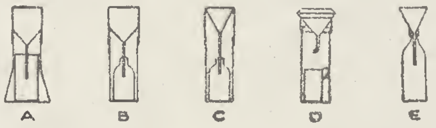
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090. **B** Monthly Summary.

3110

***.* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1933.

At No 7, Sandy Lee

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1340 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·30 ✓				
FEB.	6·00 ✓				
MAR.	3·22 ✓				
APRIL	1·48 ✓				
MAY	2·25 ✓				
JUNE	3·40 ✓				
JULY	3·44 ✓				
AUG.	0·82 ✓				
SEPT.	2·34 ✓				
OCT.	6·73 ✓				
NOV.	3·54 ✓				
DEC.	0·63 ✓				
Total	37·15 ✓				

Signature RWS Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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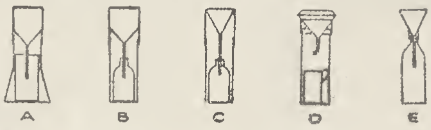

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(b) What note was made of the times of beginning and end of this fall?
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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

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3110

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Sandy Lee (No 7)

In the County of York

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft.* 0 *in.*

Height of Ground above Sea Level 1340 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·97 ✓				
FEB.	0·29 ✓				
MAR.	4·43 ✓				
APRIL	3·58 ✓				
MAY	2·43				
JUNE	1·73				
JULY	3·20				
AUG.	3·20				
SEPT.	3·75				
OCT.	5·46 ✓				
NOV.	3·87 ✓				
DEC.	6·35				
Total	42·26 ✓				

Signature W. B. Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

3110

FORM 1090. **B** Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Sandy Lee No 7

In the County of York

Rain Gauge

Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft* 0 *in.*

Height of Ground above Sea Level 1340 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.20				
FEB.	7.45				
MAR.	2.53				
APRIL	3.80				
MAY	0.56				
JUNE	3.65				
JULY	2.03				
AUG.	2.00				
SEPT.	6.25				
OCT.	10.30				
NOV.	8.95				
DEC.	4.76				
Total	55.48				

Signature W S Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station. ~~doop.~~

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

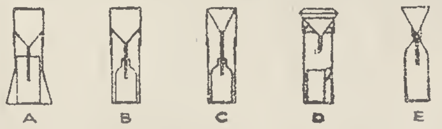
Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

3 FEB 1936

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(3110/1)

1X/W. Riding/5.

3110/1
SANDY LEE NO 7A
1934 —— 40

280507

FORM 1090. **B**

, The following register of mo… &c., is NOT required if dail… values are given on the othe… …n and also the space for

RAINFALL IN 193…

At Sandy Lee (Ched…

In the County of York

…register should be sent:—

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1 *ft*
Height of Ground above Sea Level

…in Summer

…e gauge, Direction from gauge

…e gauge, Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·86				
FEB.	0·46				
MAR.	5·47				
APRIL	3·88				
MAY	3·79				
JUNE	1·87				
JULY	3·30				
AUG.	3·41				
SEPT.	3·95				
OCT.	6·37				
NOV.	4·15				
DEC.	6·87				
Total	48·38				

Signature W. S. Thompson

*See Instruction 2 (*f*) below.

Distances ..

Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

[illegible] 43 ft E of 3110 as recommended by [illegible] in Oct 1933

c 1935

f6606eg/26.

OK.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N

(3110/1)

1X/W.Riding/5.

FORM 1090.

B Summary. **C** Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1934

At Sandy Lee (Check) No. 7A.
In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1,340 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	4·86				
FEB.	0·46				
MAR.	5·47				
APRIL	3·88				
MAY	3·79				
JUNE	1·87				
JULY	3·30				
AUG.	3·41				
SEPT.	3·95				
OCT.	6·37				
NOV.	4·15				
DEC.	6·87				
Total	48·38				

Signature R.W.S. Thompson

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

moved 43 ft E of 3110 as recommended by [illegible] in Oct 1933

C1935 f6606cg/26.

OK.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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N

3110/1

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Sandy Lee, (Check) No 7A

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft* 0 *in.*
Height of Ground above Sea Level 1,340 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.87				
FEB.	9.52				
MAR.	2.85				
APRIL	4.25				
MAY	0.74				
JUNE	3.96				
JULY	2.48				
AUG.	2.12				
SEPT.	7.11				
OCT.	12.75				
NOV.	9.47				
DEC.	5.96				
Total	65.08				

Signature W B Thompson

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section ~~and~~ dup. also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter ...... in Summer ......

Nearest Railway Station ...... Distance ...... Direction from gauge ......

Nearest Parish Church at ...... Distance ...... Direction from gauge ......

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ...... Distance ...... Direction ......

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

M.
3 FE 936

D INSTRUCTIONS.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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26 Travelling forms, The Derwent Valley W B 3110/1

FORM 1090. **B** Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Sandy Lee (check) No 7A

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1340 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	~~6·72~~ 5·30	estimated ✓			
FEB.	5·00	estimated ✓			
MAR.	5·54 ✓				
APRIL	2·69 ✓				
MAY	2·30 ✓				
JUNE	5·03 ✓				
JULY	5·36 ✓				
AUG.	2·53 ✓				
SEPT.	7·03 ✓				
OCT.	6·23 ✓				
NOV.	7·73				
DEC.	6·92				
Total	✓ 61·66				

Signature W B Thompson.

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

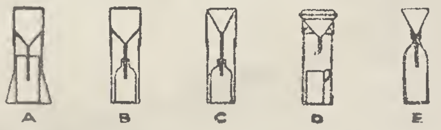
Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these, please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.* 9 *a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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The Derwent Valley Water Board.

Form 1090.

B Monthly Summary.

_ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937 ~~(check)~~

At Derwent Dale, Sandy Lee 7A

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1320 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·80				
FEB.	9·20	(estimated)			
MAR.	5·00 ~~[illegible]~~	(estimated)			
APRIL	3·45				
MAY	3·82				
JUNE	1·62				
JULY	3·55				
AUG.	1·70				
SEPT.	1·85				
OCT.	4·40				
NOV.	2·95				
DEC.	4·94				
TOTAL	50·28	M			

Signature W. B. Sampson

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
Gauge Site. Latitude 53°-27'-15" N.
Longitude 1°-43°-39" W.

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

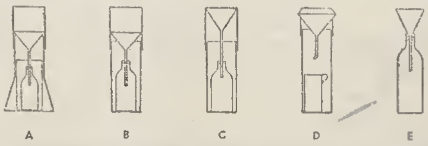
Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and E.)
If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 658/91.

26 Travelling Forms - Derwent Valley Water Board - 3110/1

FORM 1090.

B Monthly Summary

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Derwent Dale, Sandy Lee 7A

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1320 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·93 ✓				
FEB.	3.25 ✓				
MAR.	1.90 ✓ ✓				
APRIL	·57				
MAY	4.00 ✓				
JUNE	4.31 ✓				
JULY	5.34 ✓				
AUG.	3.65 ✓				
SEPT.	3.60 ✓				
OCT.	10.55 ✓				
NOV.	7.10 ✓				
DEC.	5.50	Estimated.			
TOTAL	57·70 ✓				

Signature R. W. S. Thompson

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— The Engineer, Derwent Valley Water Board, Bamford, Sheffield

Hour of observation by the clock—in Winter……… in Summer………

Nearest Railway Station……… Distance……… Direction from gauge………

Nearest Parish Church at……… Distance……… Direction from gauge………

Nature of objects nearest to gauge
Height of objects
Distances
Directions from gauge

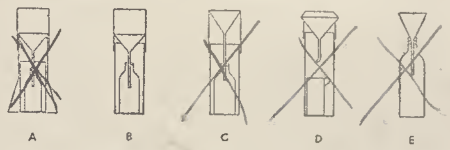
open moorland – surrounded by turf wall 10 ft. diam.

If gauge has been moved during the year state—

Date of move……… Distance……… Direction………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

………

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Dec total is in good agreement with nearby stns.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

M

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at* 9 *a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January* 1*st is the rainfall for the* 24 *hours following* 9 *a.m. on January* 1*st; it is therefore the amount measured on January* 2*nd.*

9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·*005*: this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph* (*b*) *are satisfied. Readings on this ·*005 *mark or between this ·*005 *and the ·*01 *mark are to be entered as ·*01 *even though they may be nearer to the ·*005 *mark than the ·*01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·*01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·*04 *in. or more" includes all the days with any rain except those for which the entries are trace, ·*01*, ·*02 *or ·*03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

26. FORM 1090.

3110/1

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939

At Derwent Dale, Sandy Lee

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 ft. 0 *in.*
Height of Ground above Sea Level 1320 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(7.50)	Estimated			
FEB.	4.60	✓			
MAR.	4.89	✓			
APRIL	3.22	✓			
MAY	2.90	✓			
JUNE	3.78	✓			
JULY	8.61	✓			
AUG.	3.47	✓			
SEPT.	3.09	✓			
OCT.	5.65				
NOV.	9.20				
DEC.	4.20				
TOTAL	61.11				

Signature W. B. Thompson

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
The Engineer Derwent Valley Water Board,
Bamford: Sheffield.

check g.

Hour of observation by the clock—in Winter.................in Summer.................

No 7.A.

Nearest Railway Station.................. Distance.................. Direction from gauge..................

Nearest Parish Church at.................. Distance.................. Direction from gauge..................

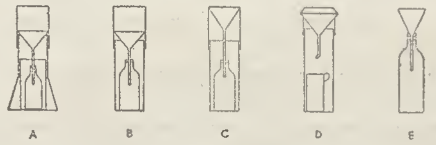
Nature of objects nearest to gauge	
Height of objects	Open moorland - surrounded
Distances ...	by turf wall 10 ft. diam.
Directions from gauge ...	

If gauge has been moved during the year state—

Date of move.................. Distance.................. Direction..................

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3110/1

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40.

At Derwent Dale, Sandy Lee. No 7.A.

In the County of W. R. Yorks.

Rain Gauge
Diameter of Funnel........................in.
Height of Top above Ground.........ft............in.
Height of Ground above Sea Level...............ft.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4.10)	Estimated			
FEB.	(3.40) ✓	Estimated			
MAR.	4.60	✓			
APRIL	4.05	✓			
MAY	1.43	✓			
JUNE	·94	✓			
JULY	3.97	✓			
AUG.	1.75	✓			
SEPT.	4.91	✓			
OCT.	5.70	✓			
NOV.	11.63	✓			
DEC.	5.78 ~~[illegible]~~	✓			
TOTAL	(52.26) ~~[illegible]~~	✓			

Signature W B Thompson

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

....

....

Hour of observation by the clock—in Winter......................in Summer......................

Nearest Railway Station.............................. Distance.................. Direction from gauge............

Nearest Parish Church at.............................. Distance.................. Direction from gauge............

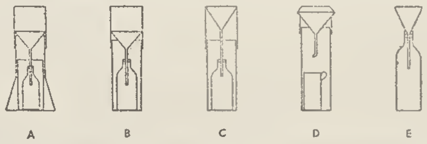
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.............................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan & Feb estd. by observer.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9999

Section **A** for the entry of D

AIR MINISTRY

FORM 1090

REGIS

Kept at Lindrick Golf

in the County of Yorks

Diameter of Funnel of Gauge......5

Height of top of Gauge above Grou

,, Ground ,, Sea l

THE MORNING MEASUREI

An observer who does not conform to
year in the space on the right of this

Plea

3110/5

LINDRICK GOLF CLUB

1940

780507

on No. ~~3111~~ 3110/5

ORGANIZATION

01533/41

[illegible] of change [illegible] Sheet renumber

AY

owing

Jau. 1, following ·03 1941.

Date	Jan.	Feb.	Mar.	Ap								Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	...	·11	...	...	...	...	...	...	...	...	~~·75~~ 1·25	...		1
2	...	·16	...	·06	~~·20~~ (–)	...	...	...	...	...	·20	...		2
3	...	·02	...	·20	...	...	·05	...	...	...	·35	...		3
4	...	·15	...	·05	...	...	...	...	...	·10	·20	·04		4
5	...	·26	...	...	...	...	...	...	...	·05	~~·05~~ (·45)			5
6	...	·02	...	...	·08	...	·25	...	...	...	·15	·18		6
7	·08	·12	...	TRACE	...	...	...	...	...	~~·60~~ (·90)	·05	...		7
8	...	·32	...	TRACE	·01	...	...	...	...	·05	...	·01		8
9	...	...	...	·02	...	...	...	...	...	...	...	·08		9
10	...	...	·20	·03	...	...	·05	...	TRACE	·10	·50	·02		10
11	...	...	·03	...	...	...	1·30	...	...	...	TRACE	·10		11
12	...	·02	...	...	...	...	·95	...	...	...	~~·20~~ (·50)	...		12
13	...	·04	·13	...	...	TRACE	TRACE	...	·05	...	·11	...		13
14	...	·06	·26	...	...	...	·01	...	·06	...	...	...		14
15	...	...	·04	...	·24	...	·01	...	...	·06	...	~~·75~~ (·45)		15
16	...	...	·01	...	·05	~~·82~~ (·28)	·01	...	...	·70	·08	...		16
17	·13	·27	·03	...	...	...	·50	...	·01	·08	·24	...		17
18	...	...	·52	...	...	...	·60	...	...	...	·09	...		18
19	·07	·14	·10	~~·25~~ (·75)	...	...	TRACE	·35	...	...	...	·08		19
20	...	·16	·11	·16	...	·01	·25	...	·45	·10	·10	·01		20
21	...	·04	...	·10	...	...	...	·07	...	·05	·04	...		21
22	·06	·05	...	...	...	·50	...	...	...	...	~~·70~~ (1·06)	·01		22
23	...	...	·01	...	·14	~~·75~~ (·15)	...	...	·10	...	...	·02		23
24	...	·22	...	...	·07	·15	...	...	...	...	...	·03		24
25	·06	...	...	·01	...	...	·23	...	...	·15	...	TRACE		25
26	·03	...	...	TRACE	...	...	...	...	...	...	...	...		26
27	·86	·03	...	...	...	·01	·01	...	...	...	·01	...		27
28	~~·12~~ (·62)	·11	...	...	...	...	·75	...	...	...	...	...		28
29	~~1·28~~ (·28)	·35	...	...	·04	...	...	...	...	...	...	...		29
30	...	✕	...	·26	...	TRACE	...	...	...	...	...	...		30 Part Sx.
31	·15	✕	·13	✕	...	✕	...	...	✕	·05 (·25)	✕	·32		31 25·28
TOTAL	~~6·84~~ 2·45	~~2·14~~ 2·54	1·57	~~·88~~ 1·64	~~·89~~ ·63	~~2·24~~ 1·10	4·97	·42	·67	~~2·09~~ ~~2·84~~ ~~1·28+~~	~~3·82~~ ~~3·07~~	~~1·05~~ ~~+·08~~	Year's Total ~~24·69~~	~~25·08~~ ~~23·02~~
* Days with .01 in. or more.	~~11 10~~	~~14 20~~	~~10~~	~~10 9~~	~~7 8~~	~~6~~	~~14~~	~~2~~	5	~~13+2~~	~~16 19~~	~~14 13~~	~~126~~	" d " 129
* Days with .04 in. or more.	10 ~~9~~	15 ~~16~~	8	7 ~~6~~	7 ~~8~~	4	10	2	3	13 ~~+2~~	15 ~~+6~~	7	~~101~~	101

† Spare column, no entries required

* See Instruction 3 (f) on other side.

LINDRICK GOLF CLUB

(Signed) W. A.

[P.T.O.

2·45 2·54 1·57 1·64 ·63 1·10 4·97 ·42 ·67 3·44 4·07 1·38 Hon. Sec.

Section **A** for the entry of D... on No. ~~3111~~ 3110/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~39~~40

Kept at Lindrick Golf Club

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 170 ft.

correction for W.D.

Np 1939

A 201533/41

Jan 27-28 and [illegible] see letter in file ref. change

Apr-June, Oct-Dec adjusted by ref. to nearby sta.

renumber

Query sent 22/5/41

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ·03 1941.

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	...	·11	...	...	...	...	...	...	...	...	~~·75~~ 1·25	...		1
2	...	·16	...	·06	(-) ~~·20~~	...	...	...	...	...	·20	...		2
3	...	·02	...	·20	...	...	·05	...	...	...	·35	...		3
4	...	·15	...	·05	...	...	...	...	...	·10	·20	·04		4
5	...	·26	...	...	...	...	...	...	...	·05	(·45) ~~·05~~	...		5
6	...	·02	...	...	·08	...	·25	...	...	...	·15	·18		6
7	·08	·12	...	TRACE	...	...	...	...	...	(·90) ~~·60~~	·05	...		7
8	...	·32	...	TRACE	·01	...	...	...	...	·05	...	·01		8
9	...	...	...	·02	...	...	...	...	...	...	...	·08		9
10	...	...	·20	·03	...	...	·05	...	TRACE	·10	·50	·02		10
11	...	...	·03	...	...	...	1·30	...	...	...	TRACE	·10		11
12	...	·02	...	...	...	...	·95	...	...	...	(·50) ~~·20~~	...		12
13	...	·04	·13	...	...	TRACE	TRACE	...	·05	...	·11	...		13
14	...	·06	·26	...	...	...	·01	...	·06	...	...	...		14
15	...	...	·04	...	·24	...	·01	...	...	·06	...	(·45) ~~·15~~		15
16	...	...	·01	...	·05	(·28) ~~·82~~	·01	...	...	·70	·08	...		16
17	·13	·27	·03	...	...	...	·50	...	·01	·08	·24	...		17
18	...	...	·52	...	...	...	·60	...	...	...	·09	...		18
19	·07	·14	·10	(·75) ~~·25~~	...	...	TRACE	·35	...	...	...	·08		19
20	...	·16	·11	·16	...	·01	·25	...	·45	·10	·10	·01		20
21	...	·04	...	·10	...	...	...	·07	...	·05	·04	...		21
22	·06	·05	...	...	...	·50	...	...	...	...	(1·06) ~~·70~~	·01		22
23	...	...	·01	...	·14	(·15) ~~·75~~	...	...	·10	...	...	·02		23
24	...	·22	...	...	·07	·15	...	...	...	...	...	·03		24
25	·06	...	...	·01	...	...	·23	...	...	·15	...	TRACE		25
26	·03	...	...	TRACE	...	...	...	...	...	...	...	...		26
27	·86	·03	...	...	...	·01	·01	...	...	...	·01	...		27
28	(·42) ~~·12~~	·11	...	...	...	...	·75	...	...	...	...	...		28
29	(·28) ~~·28~~	·35	...	...	·04	...	...	...	...	...	...	...		29
30	...	✕	...	·26	...	TRACE	...	...	...	...	...	...		30 Part St.
31	·15	✕	·13	✕	...	✕	...	...	✕	(·25) ~~·05~~	✕	·32		31 25-28
TOTAL	~~3·84~~ 2·45	~~2·15~~ 2·54	1·57	~~·88~~ 1·64	~~·89~~ ·63	~~2·24~~ 1·10	4·97	·42	·67	~~2·09~~ ~~1·28+~~ ~~2·84~~	~~3·82~~ ~~3·07~~	~~1·05~~ ~~1·08~~	Year's Total ~~24·69~~	~~25·08~~ ~~23·0~~
* Days with .01 in. or more.	~~11+0~~	~~4 20~~	~~10~~	~~10 4~~	~~7 8~~	~~6~~	~~14~~	~~2~~	~~5~~	~~13 12~~	~~16 19~~	~~14 13~~	~~126~~	" d " 129
* Days with .04 in. or more.	10 ~~9~~	15 ~~6~~	8	7 ~~6~~	7 ~~8~~	4	10	2	3	13 ~~12~~	15 ~~6~~	7	~~101~~	101

* See Instruction 3 (f) on other side.

† Spare column, no entries required

(Signed) W. A.

[P.T.O.

LINDRICK GOLF CLUB

2·45 2·54 1·57 1·64 ·63 1·10 4·97 ·42 ·67 3·44 4·07 ~~1·08~~ 1·38 HGN. 52a

3111

Section **A** for the entry of

AIR MINISTRY

FORM 1090.

REGIST

Kept at Woodside Lindrick

in the County of Yorkshir

Diameter of Funnel of Gauge 5

Height of top of Gauge above Ground

" Ground " Sea Le

THE MORNING MEASU

An observer who does not conform to t
year in the space on the right of this

3111

WOODSIDE, LINDRICK COMMON

1931 —— 37

780507

PY FOR OFFICIAL USE.
ORGANIZATION.

owing

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	-	-	-	·09	-	-	·76	·05	-	-	1
2	-	·06	-	·56	·08	·60	-	-	·29	-	-	·02	2
3	-	-	-	·11	-	-	·02	-	1·58	-	·15	·07	3
4	-	·02	-	·10	-	-	·47	·95	·33	-	·11	·11	4
5	-	·08	-	-	·03	·94	·03	·29	·11	-	-	·28	5
6	-	·37	-	-	-	·10	·08	-	·85	·11	·03	-	6
7	-	-	-	-	-	·35	-	·09	-	·03	·30	-	7
8	-	·05	-	-	-	·02	·08	·35	-	-	·15	-	8
9	-	·23	-	·15	-	-	-	·31	·10	-	·32	·02	9
10	-	·02	·14	-	·05	-	-	·08	-	-	·02	-	10
11	·15	·16	-	-	·03	-	·01	-	·25	-	·07	-	11
12	·05	·02	-	-	-	-	1·10	-	-	-	·03	-	12
13	-	-	-	-	-	·04	-	·15	·07	-	-	-	13
14	·02	-	-	-	·05	·95	·71	·95	-	-	·66	-	14
15	·06	·07	-	·10	·09	-	·39	·04	-	-	·02	·05	15
16	-	·29	-	·09	·35	·73	-	·07	·19	-	·01	-	16
17	-	·28	-	·50	·26	-	·02	·01	-	-	-	-	17
18	-	-	-	·58	-	·21	·22	·08	-	-	·61	-	18
19	·09	-	-	·20	-	·18	·25	·12	·07	·04	-	-	19
20	-	·09	·06	·10	-	-	-	·52	-	-	-	·01	20
21	·06	-	-	-	·28	-	-	-	-	-	·13	-	21
22	-	-	-	-	·16	-	-	-	-	-	-	-	22
23	·27	-	·02	·17	·37	·17	·04	-	·02	-	·16	·08	23
24	·04	·04	-	·19	·45	-	·05	-	-	-	-	-	24
25	-	-	-	·43	-	-	·31	-	-	-	·02	·01	25
26	-	·04	-	·21	-	-	·02	-	-	-	·15	·21	26
27	·15	·24	-	·03	-	-	-	-	-	·17	·17	·05	27
28	·38	·20	-	1·03	·17	-	-	-	-	-	-	·04	28
29	·49		-	-	·14	-	·12	-	·01	·19	1·01	-	29
30	·02	X	-	·08	·10	-	-	-	·02	-	-	-	30
31	·35	X	-	X		X	-	-	X	·01	X	-	31
TOTAL	2·13	2·26	·22	4·63	2·61	4·38	3·92	4·01	3·25	·60	4·12	·95	YEAR'S TOTAL 33·08
*Days with ·01 in. or more.	~~2~~ 13	~~3~~ 17	X 3	X 17	~~2~~ 15	X 12	~~5~~ 17	X 14	~~3~~ 14	~~2~~ 7	~~6~~ 19	~~*~~ 12	~~31~~ 160
*Days with ·04 in. or more.	11	14	2	16	13	11	12	13	11	5	13	8	129

40-9999

*See Instruction 2 (*f*) on other side.

~~(Signed)~~ Mrs M. E. Eardley.

P.T.O.

3111

Section **A** for the entry of PY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

Kept at Woodside Lindrick Common

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. in.

,, Ground ,, Sea Level 250 ft.

days

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August.	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	-	-	-	-	-	·09	-	-	·16	·05	-	-	1
2	-	·06	-	·56	·08	·60	-	-	·29	-	-	·02	2
3	-	-	-	·11	-	-	·02	-	1·58	-	·15	·07	3
4	-	·02	-	·10	-	-	·47	·95	·33	-	·11	·11	4
5	-	·08	-	-	·03	·94	·03	·29	·11	-	-	·28	5
6	-	·37	-	-	-	·10	·08	-	·05	·11	·03	-	6
7	-	-	-	-	-	·35	-	·09	-	·03	·30	-	7
8	-	·05	-	-		·02	·08	·35	-	-	·15	-	8
9	-	·23	-	·15	-	-	-	·31	·10	-	·32	·02	9
10	-	·02	·14	-	·05	-	-	·08	-	-	·02	-	10
11	·15	·16	-	-	·03	-	·01	-	·25	-	·07	-	11
12	·05	·02	-	-	-	-	1·10	-	-	-	·03	-	12
13	-	-	-	-	-	·04	-	·15	·07	-	-	-	13
14	·02	-	-	-	·05	·95	·71	·95	-	-	·66	-	14
15	·06	·07	-	·10	·09	-	·39	·04	-	-	·02	·05	15
16	-	·29	-	·09	·35	·73	-	·07	·19	-	·01	-	16
17	-	·28	-	·50	·26	-	·02	·01	-	-	-	-	17
18	-	-	-	·58	-	·21	·22	·08	-	-	·61	-	18
19	·09	-	-	·20	-	·18	·25	·12	·07	·04	-	-	19
20	-	·09	·06	·10	-	-	-	·52	-	-	-	·01	20
21	·06	-	-	-	·28	-	-	-	-	-	·13	-	21
22	-	-	-	-	·16	-		-	-	-	-	-	22
23	·27	-	·02	·17	·37	·17	·04	-	·02	-	·16	·08	23
24	·04	·04	-	·19	·45	-	·05	-	-	-	-	-	24
25	-	-	-	·43	-	-	·31	-	-	-	·02	·01	25
26	-	·04	-	·21	-	-	·02	-	-	-	·15	·21	26
27	·15	·24	-	·03	-	-	-	-	-	·17	·17	·05	27
28	·38	·20	-	1·03	·17	-	-	-	-	-	-	·04	28
29	·49		-	-	·14	-	·12	-	·01	·19	1·01	-	29
30	·02	X	-	·08	·10	-	-	-	·02	-	-	-	30
31	·35	X	-	X		X	-	-	X	·01	X	-	31
TOTAL	2·13	2·26	·22	4·63	2·61	4·38	3·92	4·01	3·25	·60	4·12	·95	YEAR'S TOTAL 33·08
*Days with ·01 in. or more.	13 ~~2~~	17 ~~3~~	3 ~~1~~	17 ~~1~~	~~2~~ 15	~~1~~ 12	~~5~~ 17	~~1~~ 14	~~3~~ 14	~~2~~ 7	~~6~~ 19	~~4~~ 12	~~31~~ 160
*Days with ·04 in. or more.	11	14	2	16	13	11	12	13	11	5	13	8	129

40-9999

(Signed) Mrs M. E. Eardley.

P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Woodside Lindrick Common

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

,, Ground ,, Sea Level 250 ft.

~~days~~

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·07	·03	-	·06	·56	-	·34	·03	·24	·25	-	-	1
2	-	-	-	-	·35	-	-	·02	·16	·05	-	·04	2
3	·02	-	-	·30	·04	-	·05	-	-	·03	-	·11	3
4	·01	-	-	·26	-	-	-	-	-	-	·13	-	4
5	·10	-	·06	-	·05	-	-	-	·03	-	-	-	5
6	·43	-	·02	·07	-	-	·03	-	·02	-	-	-	6
7	-	-	·06	·15	·03	-	-	-	·06	·11	-	-	7
8	-	·02	-	·04	-	-	-	-	·23	·13	-	-	8
9	·11	-	-	-	·12	-	-	-	-	-	-	-	9
10	·05	·15	-	·06	-	-	·10	-	-	·33	-	·05	10
11	-	-	-	·15	·06	·42	·61	-	·15	-	·04	-	11
12	-	-	-	-	·02	-	-	-	-	·22	·05	-	12
13	·03	·09	-	·08	·03	-	1·07	-	-	·14	·03	-	13
14	·02	·03	-	·03	-	-	·64	-	-	-	·14	-	14
15	-	-	-	-	·07	-	-	-	-	·04	-	·04	15
16	·20	-	-	·37	·14	-	-	-	-	-	-	-	16
17	-	-	-	·02	·02	-	-	-	-	-	-	-	17
18	-	-	-	-	-	-	-	-	-	-	-	-	18
19	-	-	-	-	-	-	-	-	-	·14	-	-	19
20	-	-	-	·10	·29	-	-	·45	-	·21	·10	-	20
21	-	-	·15	·02	3·30	-	·03	·35	-	·50	-	·07	21
22	-	-	·30	-	·56	-	·15	-	·24	-	·15	-	22
23	-	·01	-	·03	·26	-	-	-	-	·13	·11	·02	23
24	-	-	-	-	-	-	·30	-	-	-	·12	-	24
25	-	·05	-	·02	-	-	-	-	-	·33	-	-	25
26	-	·04	-	·11	·43	-	·08	-	-	·21	-	-	26
27	-	-	·32	·12	·63	-	·02	-	-	-	·14	-	27
28	-	-	·06	·03	·18	-	·26	·14	-	-	-	-	28
29	·04		·09	·11	·02	-	·04	·11	·21	·28	·05	·08	29
30	-	✕	·06	·13	-	·45	-	-	·18	·01	·11	·14	30
31	-	✕	·04	✕	·03	✕	·35	-	✕	-	✕	·06	31
TOTAL	1·08	·42	1·16	2·26	7·19	·87	4·07	1·10	1·52	3·11	1·17	·61	YEAR'S TOTAL 24·56
*Days with ·01 in. or more.	11 ~~4~~	8 ~~4~~	10 ~~1~~	21 ~~6~~	21 ~~6~~	2 ~~-~~	15 ~~3~~	6 ~~2~~	10 ~~2~~	17 ~~2~~	12 ~~1~~	9 ~~1~~	142 ~~32~~
*Days with .04 in. or more.	78	4	9	15	15	2	12	4	8	15	11	8	110

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) M. C. Eardley

P.T.O.

3111

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Woodside, Lindrick Common

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·20	·08	·16	x	x	x	x	x	x	·04	·16	x		1
2	·10	x	·34	x	x	x	x	x	x	x	·09	x		2
3	·11	·06	·02	x	·32	x	x	x	x	x	·05	x		3
4	·04	x	x	x	·02	x	x	x	x	x	x	x		4
5	·05	x	·13	x	·31	x	x	x	x	x	x	x		5
6	x	·09	·09	x	·45	x	x	x	x	x	x	x		6
7	x	·14	x	x	·20	x	·35	x	x	·45	x	·06		7
8	x	x	·20	x	x	x	·27	x	x	x	x	·02		8
9	x	·03	x	x	x	x	·22	x	x	·23	x	·02		9
10	x	·08	x	x	x	·09	x	x	x	2·21	·03	x		10
11	·06	x	x	x	·04	·08	·02	x	x	x	x	x		11
12	x	x	x	x	x	·12	·04	x	x	x	x	x		12
13	x	x	·01	x	·23	x	·10	x	·04	·07	·05	x		13
14	·04	x	x ~~·[illegible]~~	x	·01	x	·02	x	x	x	·29	·06		14
15	·30	x	x	x	x	·05	x	·05	x	·14	·87	·10		15
16	·29	x	·40	x	·04	·06	·05	x	x	·07	·05	x		16
17	·18	x	·84	x	x	·04	x	x	x	x	·07	x		17
18	x	x	·07	x	x	·22	x	x	x	x	·07	x		18
19	x	x	·22	x	x	x	x	x	x	x	x	x		19
20	x	·15	x	x	x	x	x	x	x	x	·04	x		20
21	x	x	x	x	·32	·17	x	·04	·13	x	·02	x		21
22	x	x	x	x	·04	·08	x	·18	x	·54	·02	x		22
23	x	x	x	·07	x	x	x	x	·21	x	x	x		23
24	x	x	x	·15	·11	·53	x	x	·66	·02	x	x		24
25	x	x	x	·24	·07	·05	x	x	·06	x	x	x		25
26	x	1·47	x	·03	x	x	x	x	·04	·15	·08	·09		26
27	x	·87	x	x	x	x	x	x	·10	·14	x	x		27
28	x	·13	x	·02	x	x	x	x	·01	·21	x	x		28
29	x	x	x	·40	x	x	·53	x	-	·20	x	x		29
30	·41	x	·02	·03	x	x	x	x	-	x	x	·03		30
31	x	x	·03	x		x	x	·04	x	x	x	x		31
TOTAL	1·78	3·10	2·53	·94	2·16	1·49	1·60	·31	1·25	4·47	1·89	·38	Year's Total 21·90	
*Days with ·01 in. or more.	11	10	13	7	13	11	9	4	8	13	14	7	~~20~~ 120	
*Days with ·04 in. or more.	11	9	9	4	11	11	7	4	7	12	11	4	100	

40-9999

*See Instruction 2 (*f*) on other side.

P

† Spare column, no entries required.

(*Signed*) M. E. Eardley

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at Woodside. Lindrick Common

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft - in.

,, Ground ,, Sea Level 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	-	-	-	-	-	·09	-	·18	-	·14		1
2	-	-	-	-	-	-	-	·13	·16	-	·08	·19		2
3	-	·06	-	-	-	-	-	-	-	·06	·03	-		3
4	·15	-	·29	·46	-	-	-	-	-	·16	-	·58		4
5	-	-	·08	-	·08	-	-	·19	-	-	·11	·07		5
6	-	-	·04	·03	·34	·10	-	·05	-	·11	-	·55		6
7	·08	-	-	-	-	·03	-	-	-	·08	-	·18		7
8	-	-	·03	-	·08	·50	-	-	-	·03	·36	·02		8
9	-	-	-	·04	-	-	-	·03	-	-	·72	·11		9
10	-	-	·56	·19	-	-	-	-	-	-	·02	-		10
11	·48	-	·29	·36	-	-	-	·12	-	-	-	·28		11
12	·43	-	·46	·06	-	-	·05	·04	-	-	-	·09		12
13	-	-	-	·05	-	-	·55	·03	-	-	-	·07		13
14	·12	-	·29	-	·04	·46	-	-	-	·10	·25	·21		14
15	·13	-	·04	-	·15	-	-	-	·03	·02	·21	·04		15
16	·10	-	·12	-	·29	-	-	-	-	·01	·07	·02		16
17	-	-	·04	-	·03	-	·07	-	·15	·04	·04	·06		17
18	-	-	·14	·17	-	-	·04	-	-	-	-	·02		18
19	-	-	·14	·03	·04	·07	-	-	·13	·15	-	-		19
20	-	-	·02	-	-	-	-	-	-	-	-	-		20
21	-	-	-	-	-	·16	-	-	-	·04	-	-		21
22	-	-	-	-	-	-	-	·16	·29	-	·07	·07		22
23	-	-	-	·05	-	-	·61	-	-	·05	-	-		23
24	·04	·17	·14	·02	-	·13	·11	-	·08	·07	-	·01		24
25	·04	-	-	-	-	-	-	-	·03	·15	·01	·40		25
26	-	-	-	·60	-	-	-	-	·10	-	-	·05		26
27	-	·66	-	·49	-	·06	-	-	·03	·03	-	·17		27
28	-	-	-	·20	-	·12	-	·23	-	·08	-	·31		28
29	·03		·03	-	-	-	-	·11	·32	·05	·01	·16		29
30	·02	×	-	-	-	-	·45	-	-	·12	-	·15		30
31	-	×	-	×	-	×	-	-	×	·05	×	-		31
TOTAL	1·62	·89	2·71	2·75	1·05	1·63	1·88	1·18	1·32	1·58	1·98	3·95	Year's Total 22·54	
*Days with ·01 in. or more.	11	3	16	14	8	9	7	11	10	20	13	24	~~146~~	
*Days with .04 in. or more.	9	3	13	11	7	8	7	9	7	16	9	20	119	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) M. E. Eardley

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at WOODSIDE, LINDRICK COMMON.

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. – in.

,, Ground ,, Sea Level 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·32	–	·49	·04	–	·02	–	–	·88	·04	·18	·13		1
2	–	–	·07	–	–	·43	–	–	–	·44	–	·02		2
3	–	–	·16	·01	–	·42	–	–	–	·08	·14	–		3
4	–	·12	·02	·08	–	·08	–	–	–	·37	·02	–		4
5	–	·30	·09	·01	–	·86	–	–	–	–	·07	–		5
6	·06	–	·01	·03	–	·15	–	–	–	–	–	–		6
7	·11	–	–	·10	–	·45	–	–	–	·11	·45	·11		7
8	·02	–	·02	·07	–	·02	–	–	–	·02	–	·07		8
9	–	–	–	·09	–	·08	–	–	–	·46	·19	–		9
10	–	–	–	·08	–	·05	–	–	–	·05	–	–		10
11	·31	–	–	·01	–	–	–	–	–	–	·16	·10		11
12	–	–	–	–	–	·07	–	–	–	–	–	–		12
13	·08	·01	–	·09	·17	·02	–	–	–	–	–	–		13
14	–	·01	–	·12	·09	–	·09	–	·09	–	·40	·11		14
15	–	·03	–	·36	·05	–	·05	–	·03	–	·17	·17		15
16	–	·20	·10	·02	–	·18	·04	–	·27	–	·59	–		16
17	–	·01	–	·10	–	·17	·04	–	·01	·10	·84	–		17
18	·04	–	–	·27	·06	·13	·34	·06	·12	·08	·20	–		18
19	·02	–	–	·07	–	·10	·02	–	–	·07	·26	–		19
20	–	·05	–	·44	–	·05	–	–	–	–	·40	–		20
21	–	·52	–	·03	–	–	–	·02	·44	–	·14	–		21
22	–	–	·03	–	–	–	–	–	–	–	·10	–		22
23	–	·78	·09	·03	–	–	–	·38	·04	·12	–	–		23
24	·07	·09	·11	–	–	–	–	–	1·24	–	–	·19		24
25	·11	–	–	–	–	·03	–	–	–	–	–	·11		25
26	·30	·25	–	–	–	–	–	·39	·25	·03	·04	·25		26
27	·02	·12	–	–	–	–	–	–	·11	–	·05	·73		27
28	·04	·25	–	–	·03	–	–	–	·02	·04	–	·33		28
29	·03	✕	·02	–	–	–	–	–	·05	·07	·02	·11		29
30	·09	✕		·01	–	–	–	·11	–	·29	·33	·03		30
31	–	✕		✕	–	✕	–	–	✕	·41	✕	·17		31
TOTAL	1·62	2·74	1·21	2·06	·40	3·31	·58	·96	3·55	2·78	4·75	2·63	Year's Total 26·59	
* Days with .01 in. or more.	15	14	12	21	5	18	6	5	13	17	20	15	161	
* Days with .04 in. or more.	11	10	7	13	4	14	5	4	10	15	18	13	124	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) M. M. Eardley

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Woodside, Lindrick Common

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" Ground " Sea Level 250 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	·18	·17	·48	-	-	·10	·05	·01	-	·04	·09		1
2	·24	·06	·14	·04	-	·95	·22	·11	-	-	·23	·11		2
3	·03	·05	-	-	-	·17	-	-	·27	-	-	·06		3
4	-	·03	·03	-	-	·01	-	-	·07	·01	·10	·06		4
5	·07	-	·24	·02	·01	-	-	·05	·63	-	-	·31		5
6	·01	-	·01	-	-	·03	·18	·17	·34	-	·10	-		6
7	·27	-	·04	-	-	-	·45	-	·11	·03	·01	-		7
8	·11	-	·03	-	-	-	·02	-	·01	·06	·10	·02		8
9	·40	-	·07	-	-	·05	·22	-	-	·01	·11	-		9
10	·02	-	·01	·01	-	-	·78	·48	·03	-	—	-		10
11	-	-	-	·21	-	-	·12	-	-	-	·36	-		11
12	-	-	·01	·18	·01	·45	·31	-	·22	-	·14	·05		12
13	-	-	-	·05	-	·26	·10	-	·02	·08	·01	·23		13
14	-	-	-	·10	-	·10	·01	-	·16	·03	·09	·23		14
15	·23	-	-	·06	-	·02	-	·04	·01	-	·25	·05		15
16	·10	-	-	·04	-	-	·03	-	—	-	·48	-		16
17	·05	·63	-	-	·06	-	·09	-	-	·01	·01	·09		17
18	-	·04	-	-	-	-	·04	-	-	·21	·06	·05		18
19	·45	·05	·01	·13	-	·21	-	·27	-	·06	-	-		19
20	·09	·14	·11	-	-	·41	-	-	-	-	-	-		20
21	-	-	·02	·08	-	·05	-	-	-	-	-	-		21
22	-	·42	·09	-	·04	·24	·12	-	-	-	-	-		22
23	-	·03	·10	·04	·07	-	·45	-	-	·01	-	-		23
24	·25	·05	-	-	·17	-	·03	-	·12	·24	-	-		24
25	·14	-	·02	·09	-	-	·09	-	·29	·04	·02	-		25
26	-	·07	·44	-	-	-	·02	-	·10	·28	·01	-		26
27	·18	-	·06	-	-	-	-	-	·11	·30	-	·05		27
28	·29	·76	·02	-	-	-	·04	-	·01	-	·04	·09		28
29	·38	·33	·17	-	-	·20	-	-	-	·06	·45	·05		29
30	·08	×	-	-	1·42	·16	·17	-	-	·42	·03	·01		30
31	-	×	·01	×	-	×	·01	-	×	·06	×	·02		31
TOTAL	3·40	2·84	1·80	1·53	1·78	3·31	3·66	1·17	2·51	1·91	2·64	1·57	Year's Total 28·12	✓
* Days with .01 in. or more.	20 ~~3~~	14 ~~2~~	21 ~~10~~	14 ~~2~~	7 ~~2~~	15 ~~3~~	22 ~~6~~	7 -	17 ~~6~~	17 ~~6~~	20 ~~6~~	17 ~~3~~	191 ~~49~~	✓
* Days with .04 in. or more.	17	12	11	12	5	12	16	7	11	11	14	14	142	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) H. A. Eardley [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations Station No. 3111

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Daily KJ

Kept at "Woodside" Lindrick Common.

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. - in.

" Ground " Sea Level 250 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·11	·05	·05	-	-	-	-	-	·08	-	·09	·08		1
2	·02	·03	·06	·26	-	-	-	-	-	-	·01	2·01		2
3	-	·01	-	·10	-	-	·02	-	-	-	-	·25		3
4	·05	·01	·03	·09	-	-	-	-	-	-	-	·28		4
5	·14	-	·05	·01	-	-	-	·04	-	-	-	·07		5
6	·04	-	·10	·02	·22	-	-	-	-	-	·07	·17		6
7		·32	·01	·15	·15	-	-	-	-	-	·01	·01		7
8		·47	-	·01	·02	-	-	-	-	-	·12	·01		8
9		·21	-	·06	·26	-	·48	-	-	-	-	·03		9
10	·01	·01	·03	·25	·03	·19	-	-	-	-	·01	·21		10
11		-	1·02	-	·96	-	-	·07	-	-	-	·06		11
12	·10	·28	·04	-	·48	·04	-	·01	·20	-	-	·07		12
13		·05	-	-	·03	1·02	-	-	·07	-	-	·22		13
14		·02	·33	-	-	·04	-	·01	-	-	-	·10		14
15	·09	·15	·01	·24	-	-	1·45	-	·08	-	-	·03		15
16	·07	·05	·23	·59	-	·01	-	·05	·19	-	-	·05		16
17	·19	-	·14	·20	-	-	-	-	·58	-	-	·01		17
18	1·20	·04	·03	-	-	-	-	·02	·04	-	·42	-		18
19	·01	·04	-	·02	-	·15	·06	-	-	-	·34	-		19
20	·28	·10	-	·23	·63	-	-	-	·03	-	-	-		20
21	·04	·06	·01	-	·02	-	·21	-	-	·04	-	·02		21
22	·02	-	·02	-	·02	-	·03	-	-	·14	·18	·06		22
23	·42	-	-	-	·08	-	·11	-	-	1·19	·31	-		23
24	·11	·22	·02	-	·01	·03	·01	-	·02	·20	-	-		24
25	·11	·32	·08	-		-	-	-	-	·50	-	-		25
26		·11	·15	-	·37	-	-	-	·01	-	-	·02		26
27		·11	·01	·10	-	-	-	-	-	·91	-	·03		27
28	·01	·44	-	-	-	-	-	-	-	-	-	·03		28
29	·08		-	-	-	·0	-	-	-	-	·02	·04		29
30	·39	✕	-	-	-	·03	-	·01	-	·03	·02	·05		30
31	·34	✕	-	✕	-	✕	-	-	✕	·26	✕	·04.		31
TOTAL	3·83	3·10	2·42	2·33	3·28	1·51	2·37	·21	1·30	3·27	1·60	3·95	Year's Total 29·17	✓
* Days with .01 in. or more.	22 ~~5~~	22 ~~5~~	20 ~~9~~	15 ~~4~~	14 ~~6~~	8 ~~3~~	8 ~~3~~	7 ~~4~~	10 ~~3~~	8 ~~1~~	12 ~~5~~	~~9~~ 25	~~57~~	171 ✓
* Days with .04 in. or more.	17	17	11	11	8	5	5	3	7	7	7	16	114	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) H. J. Eardley. [P.T.O.

3111/3 —

AUSTERFIELD P S

1933-40

780507

Section **A** for the

AIR M

FORM 1000.

RE ... **933.**

Station No. 3111/3

FALL ORGANIZATION.

Kept at Austerfiel

in the County of..........

N+Z

Card ... AUS

Diameter of Funnel of Ga

Height of top of Gauge ab

,, Ground ,,

THE MORNING ... **DAY.**

An observer who does not conform to this rule should insert ... f the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·15	—	—	—	—	—	—	—	}·40	—	1
2			·24	—	—	—	—	—	—	—		—	2
3			·03	—	·22	—	—	—	—	—	—	—	3
4			·01	—	·02	—	—	—	—	—	—	—	4
5			·17	TRACE	·26	—	—	—	—	—	·06	—	5
6			·03	—	·45	—	—	—	—	—	—	·07	6
7			—	—	·21	—	—	—	—	·40	—	—	7
8			·47	—	·03	—	·18	—	—	—	—	—	8
9			—	—	·06	—	·28	—	—	·22	—	—	9
10			—	—	—	·21	·14	—	—	2·55	—	—	10
11			—	—	TRACE	·17	·51	—	—	·10	—	—	11
12			—	—	·01	·07	·06	—	—	—	—	·09	12
13			·01	—	}·37	—	·03	·02	—	—	—	—	13
14			—	—		—	·14	—	—	}·07	·42	—	14
15			·01			·05	—	—	—		·52	·07	15
16			·36	·02	·06	·13	·03	}·08	—	—	·18	—	16
17			·90	—	TRACE	}·25	—		·10	—	·16	—	17
18			·06	—	—		—	—	—	—	·03	—	18
19			·12	—	—	TRACE	—	TRACE	}·07	—	TRACE	—	19
20			—	·03	—	TRACE	—	·12		·02	·05	—	20
21			—	—	·03	·51	—	TRACE	—	—	—	—	21
22			—	—	·03	TRACE	—	·17	—	·64	—	—	22
23			—	·05	—	·17	—	—	·37	·01	—	—	23
24			—	}·35	·09	·37	—	—	·83	—	·10	—	24
25			—		·07	—	—	—	·16	·01	—	—	25
26			—	—	—	—	—	—	·02	·10	—	—	26
27			—	·03	·08	—	—	—	}·07	·01	—	—	27
28			—	}·25	·03	—	·06	—		}·16	—	—	28
29			—		—	—	—	—	·01		—	—	29
30		×	TRACE	·08	—	—	—	—	—	—	·03	·12	30
31		×	—	×	—	×	—	·04	×	—	×	—	31
TOTAL	–	–	2·56	0·81	2·02	1·93	1·43	0·43	1·63	4·29	1·95	·35	YEAR'S TOTAL
*Days with ·01 in. or more.			~~13~~	~~×~~	~~×~~	~~×~~	~~9~~	~~×~~	~~×~~	~~×~~	~~×~~	~~4~~	~~×~~
*Days with .04 in. or more.			~~8~~	~~×~~	~~×~~	~~×~~	~~7~~	~~×~~	~~×~~	~~×~~	~~×~~	~~4~~	~~×~~

40-9999

*See Instruction 2 (*f*) on other side. D

N X Doncaster & Tickhill Jt. W. Bd. X

(Signed) P Hempel

[P.T.O.

Section **A** for the entry of Daily Observations. Station No. 3111/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1000.

REGISTER OF RAINFALL IN 1933.

Kept at Austerfield Pumping Station

in the County of Yorkshire.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 32 ft

G. Bought 1933 from N&Z

[illegible] AVS

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1			·15	—	—	—	—	—	—	—	·40	—	1
2			·24	—	—	—	—	—	—	—		—	2
3			·03	—	·22	—	—	—	—	—	—	—	3
4			·01	—	·02	—	—	—	—	—	—	—	4
5			·17	TRACE	·26	—	—	—	—	—	·06	—	5
6			·03	—	·45	—	—	—	—	—	—	·07	6
7			—	—	·21	—	—	—	—	·40	—	—	7
8			·47	—	·03	—	·18	—	—	—	—	—	8
9			—	—	·06	—	·28	—	—	·22	—	—	9
10			—	—	—	·21	·14	—	—	2·55	—	—	10
11			—	—	TRACE	·17	·51	—	—	·10	—	—	11
12			—	—	·01	·07	·06	—	—	—	—	·09	12
13			·01	—	·37	—	·03	·02	—	—	—	—	13
14			—	—		—	·14	—	—	·07	·42	—	14
15			·01			·05	—	—	—		·52	·07	15
16			·36	·02	·06	·13	·03	·08	—	—	·18	—	16
17			·90	—	TRACE	·25	—		·10	—	·16	—	17
18			·06	—	—		—	—	—	—	·03	—	18
19			·12	—	—	TRACE	—	TRACE	·07	—	TRACE	—	19
20			—	·03	—	TRACE	—	·12		·02	·05	—	20
21			—	—	·03	·51	—	TRACE	—	—	—	—	21
22			—	—	·03	TRACE	—	·17	—	·64	—	—	22
23			—	·05	—	·17	—	—	·37	·01	—	—	23
24			—	·35	·09	·37	—	—	·83	—	·10	—	24
25			—		·07	—	—	—	·16	·01	—	—	25
26			—	—	—	—	—	—	·02	·10	—	—	26
27			—	·03	·08	—	—	—	·07	·01	—	—	27
28			—	·25	·03	—	·06	—		·16	—	—	28
29			—		—	—	—	—	·01		—	—	29
30		×	TRACE	·08	—	—	—	—	—	—	·03	·12	30
31		×	—	×	—	×	—	·04	×	—	×	—	31
TOTAL	-	-	2·56	0·81	2·02	1·93	1·43	0·43	1·63	4·29	1·95	·35	YEAR'S TOTAL [illegible]
*Days with ·01 in. or more.			~~13~~	~~×~~	~~×~~	~~×~~	~~9~~	~~×~~	~~×~~	~~×~~	~~×~~	~~4~~	~~×~~
*Days with .04 in. or more.			~~8~~	~~×~~	~~×~~	~~×~~	~~7~~	~~×~~	~~×~~	~~×~~	~~×~~	~~4~~	~~×~~

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) P. Hempel [P.T.O.

Doncaster & Tickhill Jt. W. Bd.

X AUSTERFIELD & P.S. X f 319935/34

Section **A** **COPY FOR OFFICIAL USE.** for the entry of Daily Observations. Station No. 3111/3.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

IX/W. Riding 16

Kept at Austerfield Water Works.

in the County of Yorkshire

0 imp 1933

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 32 ft.

V G record

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·03	–	–	–	–	–	–	·09	–	·09	–	·20		1
2	–	·02	·04	–	–	–	–	·09	·18	–	·05	·24		2
3	·07	·04	} ·05	–	–	–	–	–	–	·08	·02	TRACE		3
4	·04	–		·28	·02	–	–	–	·03	·09	TRACE	·44		4
5	–	–	·10	·03	·10	–	–	·09	–	–	·12	·03		5
6	–	–	·01	·01	·29	·05	–	·04	–	·10	–	·53		6
7	·07	–	–	–	–	·13	–	–	–	·12	·08	·23		7
8	–	TRACE	·01	–	·02	·14	–	·03	–	·02	·58	TRACE		8
9	–	–	·16	·05	–	–	–	·02	–	TRACE	·72	·20		9
10	TRACE	–	·22	·10	–	–	–	·01	–	TRACE	·02	–		10
11	·40	–	·21	·23	–	–	–	TRACE	–	–	–	·20		11
12	–	–	·47	·02	–	–	·06	TRACE	–	–	–	·04		12
13	·35	–	·01	·03	–	TRACE	·21	·10	–	–	–	·08		13
14	·02	–	·22	–	–	·10	–	–	–	·07	·15	·23		14
15	·05	–	·02	–	·08	–	–	TRACE	·02	·04	·13	·01		15
16	·05	TRACE	·06	–	·55	–	–	–	–	·01	·05	–		16
17	·06	–	} ·16	–	TRACE	–	·15	–	·15	·02	·03	·06		17
18	·03	–		·21	–	·03	·04	–	–	–	–	·01		18
19	–	–	·08	TRACE	·06	·02	–	–	·16	·05	–	–		19
20	–	–	·04	·01	TRACE	·10	–	–	·01	TRACE	–	–		20
21	–	–	–	–	–	·31	–	–	·05	·06	–	–		21
22	–	–	–	–	–	–	–	·19	·19	–	–	–		22
23	–	–	·08	·10	TRACE	–	·30	–	–	·05	·08	·10		23
24	–	·09	·06	·17	–	·09	·05	–	·10	·01	–	TRACE		24
25	·02	–	–	·35	TRACE	–	TRACE	–	·04	·11	–	·29		25
26	·05	·06	–	·41	–	TRACE	·01	–	·07	–	·01	·03		26
27	–	·58	–	·67	–	·05	·02	–	·01	·13	TRACE	·09		27
28	–	–	–	·05	–	·11	TRACE	·40	TRACE	·01	TRACE	·35		28
29	–	×	TRACE	–	–	–	·01	·01	·29	–	–	·09		29
30	·05	×	TRACE	–	–	–	·13	TRACE	–	·17	–	·01		30
31	·02	×	–	×	–	×	·04	·05	×	–	×	·07		31
TOTAL	1·31	0·79	2·00	2·72	1·12	1·13	1·02	1·12	1·30	1·23	2·04	3·53	Year's Total 19·31	
*Days with ·01 in. or more.	15	5	18	16	7	11	11	12	13	18	13	22	161	
*Days with .04 in. or more.	10	4	14	11	5	9	8	8	9	13	9	17	117	

V.G. print

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(Signed) P Hempel

Waterworks Manager.

[P.T.O.

X DONCASTER + TICKHILL JT. W. BD. X

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111/3.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Austerfield Pumping Station

in the County of Yorkshire.

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 32. ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·36	–	·01	·02	–	·03	TRACE	–	·65	·07	·04	·18		1
2	–	·02	TRACE	·02	–	·35	–	·03	–	·38	·01	·01		2
3	–	·08	·14	·11	–	·17	–	–	–	·15	·14	–		3
4	–	·01	·01	TRACE	–	·56	–	–	–	·55	·01	–		4
5	–	·22	–	TRACE	–	·89	–	–	TRACE	·08	·08	–		5
6	·03	·01	–	TRACE	–	·11	–	–	–	–	–	–		6
7	·02	–	–	·15	–	·43	–	–	–	·12	·35	·14		7
8	·01	–	·02	·06	–	·06	–	·48	–	·01	·03	·06		8
9	·01	–	–	·11	–	·12	–	–	–	·58	·16	·01		9
10	–	·01	–	·06	–	TRACE	·02	–	–	·03	·02	TRACE		10
11	·17	TRACE	–	–	–	TRACE	–	–	–	–	·10	·06		11
12	–	·04	–	–	–	·04	–	–	–	–	–	·01		12
13	·08	·01	–	·10	·17	·02	–	–	·26	–	·01	–		13
14	–	–	–	·02	·04	·01	–	–	·02	–	·40	·12		14
15	–	TRACE	–	·36	·05	·51	·18	–	·06	–	·10	·11		15
16	–	·38	·05	·02	·01	·07	TRACE	–	·26	TRACE	·59	–		16
17	–	TRACE	–	·08	·01	·34	·15	–	·05	·04	·82	–		17
18	·03	–	–	·25	·17	·04	·21	–	·06	·07	·02	–		18
19	·01	–	–	·06	–	·22	·02	–	–	·01	·14	·02		19
20	–	·02	–	·20	–	·11	·01	–	–	–	·15	–		20
21	–	·58	–	·03	–	–	–	–	·40	TRACE	·08	–		21
22	–	·24	·02	–	–	–	–	–	TRACE	–	·04	–		22
23	–	–	·13	TRACE	–	–	–	·51	·03	·06	–	–		23
24	·06	·55	·08	–	–	–	–	–	1·15	–	–	·25		24
25	·05	·07	–	–	–	·01	–	–	–	–	–	·03		25
26	} ·22	–	–	–	–	–	·01	·50	·49	·01	·01	·28		26
27		·16	–	–	·04	–	–	–	·12	·01	·10	·79		27
28	·04	TRACE	–	–	TRACE	–	–	–	·03	·16	TRACE	·13		28
29	–	X	·02	–	–	–	–	·03	·09	·02	·05	·08		29
30	·08	X	–	–	–	–	–	·10	TRACE	·31	·35	·02		30
31	–	X	–	X	–	X	–	TRACE	X	·36	X	·15		31
TOTAL	1·17	2·40	0·48	1·65	0·49	4·09	0.60	1·65	3·67	3·02	3·80	2·45	Year's Total. 25·47	
* Days with .01 in. or more.	14	15	9	16	7	19	7	6	14	19	24	18	168	
* Days with .04 in. or more.	8	9	4	11	5	15	3	4	11	13	17	12	112	

40-9999

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) PHampel

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Austerfield Pumping Station

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 32 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·04	·08	·43	–	·01	·04	·25	·01	·01	TRACE	·17		1
2	·10	·02	·12	–	–	·55	·11	·01	–	–	·23	·10		2
3	·01	·06	–	TRACE	–	·14	TRACE	–	·20	–	TRACE	·09		3
4	·02	·01	·09	TRACE	TRACE	·01	–	TRACE	·06	–	·11	·04		4
5	·05	·02	·13	–	·01	TRACE	TRACE	·19	·01	–	–	·13		5
6	TRACE	–	TRACE	–	TRACE	·06	·17	·13	·38	TRACE	·08	–		6
7	·22	–	·02	–	–	–	1.54	–	·06	·04	–	·04		7
8	·07	–	·03	–	TRACE	–	TRACE	–	–	·01	·06	·03		8
9	·45	TRACE	·17	–	·01	·03	·40	–	–	·05	·26	–		9
10	–	–	TRACE	–	–	–	·62	·18	TRACE	–	·02	–		10
11	–	–	TRACE	·10	–	TRACE	·04	–	TRACE	–	·32	–		11
12	–	–	–	·21	·03	·49	·36	–	·19	–	·09	·06		12
13	–	–	–	·03	·04	·14	·02	–	·08	·11	·01	·21		13
14	–	–	–	·14	–	·09	·02	–	·14	TRACE	·07	·12		14
15	·31	–	–	·09	–	TRACE	·22	·05	·01	–	·16	·03		15
16	·20	·04	–	·02	·02	–	·03	–	–	–	·37	–		16
17	–	·44	–	–	–	–	·10	–	–	·02	·01	·04		17
18	–	·05	–	–	–	·01	·08	·05	–	·28	·05	TRACE		18
19	·30	·03	TRACE	·03	–	·41	·01	·54	–	·07	–	–		19
20	·01	·09	–	·09	–	–	·27	–	TRACE	TRACE	–	–		20
21	·02	TRACE	TRACE	·01	·05	·21	–	–	–	–	–	–		21
22	·02	·49	·04	–	·06	1·15	·16	–	–	–	·02	·01		22
23	–	·01	·01	·03	·03	–	·32	–	–	TRACE	–	–		23
24	·12	·04	–	·01	·32	–	·03	–	·22	·14	–	–		24
25	·18	–	·03	·07	–	–	·13	–	·10	·05	–	–		25
26	TRACE	·05	·29	–	–	–	·04	–	·14	·08	TRACE	–		26
27	·17	–	·01	·04	–	–	–	–	·03	·19	–	–		27
28	·20	·57	·03	TRACE	–	·08	·20	–	TRACE	–	·06	·06		28
29	·66	·29	·08	–	·01	·19	·05	–	–	·02	·49	·09		29
30	·06	×	–	–	·31	·03	·25	–	–	·70	·02	·01		30
31	·03	×	·04	×	–	×	·02	–	×	·01	×	·02		31
TOTAL	3.20	2·25	1·17	1·30	0·89	3.60	5·23	1·40	1·63	1·78	2·43	1·25	Year's Total 26·13	✓
* Days with .01 in. or more.	20	16	15	14	11	16	25	8	14	15	18	17	189	✓
* Days with .04 in. or more.	14	11	9	8	5	11	19	7	10	10	13	12	129	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) R Hempel [P.T.O.

Waterworks Manager

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3111/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Austerfield Pumping Station

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 32 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	·04	·08	—	—	—	TRACE	—	·05	—	·07	·08		1
2	TRACE	·04	·03	·21	—	·01	—	—	—	—	—	2·13		2
3	—	·01	—	·20	·04	·03	·02	TRACE	·01	—	—	·20		3
4	·05	·03	·02	·12	—	—	—	·01	—	—	—	·28		4
5	·13	—	·16	—	—	—	—	—	—	TRACE	TRACE	·07		5
6	—	—	·07	·04	·20	—	—	—	—	TRACE	·02	·19		6
7	—	·23	—	·12	·11	—	—	—	—	TRACE	·01	·02		7
8	—	·40	—	·12	—	—	—	—	—	—	·11	·05		8
9	·01	·03	—	·07	·28	—	·47	·04	—	—	—	·07		9
10	·01	—	TRACE	·19	·01	·05	·01	·01	—	·01	—	·16		10
11	—	—	·65	·02	1·00	—	—	·10	—	—	—	·08		11
12	·06	·29	·01	·01	·42	·60	—	—	·11	—	—	·14		12
13	—	·04	—	—	·02	·86	TRACE	—	·02	—	—	·10		13
14	—	·01	·32	—	TRACE	·01	—	TRACE	TRACE	—	—	·12		14
15	·14	·18	·02	·32	—	—	1·27	TRACE	·01	—	—	·08		15
16	·06	·02	·18	·57	—	·21	—	·03	·48	—	—	·02		16
17	·14	·02	·10	·50	—	·03	—	—	·56	—	—	—		17
18	1·02	·05	·03	·01	—	TRACE	·01	TRACE	·08	—	·41	—		18
19	·01	·01	·01	·06	—	·24	·14	—	—	·01	·35	—		19
20	·19	·02	—	·16	·79	—	TRACE	TRACE	·04	—	—	·01		20
21	·04	TRACE	·05	·01	—	—	·23	TRACE	—	·07	—	—		21
22	—	—	·01	—	·01	—	TRACE	—	—	·18	·05	·01		22
23	·31	—	TRACE	—	·14	—	·09	—	—	·84	·34	—		23
24	·18	·08	—	—	·02	·02	·01	—	·02	·20	·01	—		24
25	·11	·31	·08	—	·02	—	—	—	TRACE	·58	—	—		25
26	TRACE	·13	·03	—	·32	—	—	—	TRACE	—	—	—		26
27	—	·08	—	·10	—	—	—	—	—	·66	—	·03		27
28	—	·27	—	—	—	·01	—	—	—	·01	—	·01		28
29	·06	✕	—	—	—	·01	—	—	—	TRACE	·03	·02		29
30	·28	✕	—	—	—	·02	—	—	—	·09	·05	·04		30
31	·23	✕	—	✕	—	✕	—	—	✕	·15	✕	·04		31
TOTAL	3·06	2·29	1·85	2·83	3·38	2·10	2·25	0·19	1·38	2·80	1·45	3·95	Year's Total 27·53	✓ ✓
* Days with .01 in. or more.	19	21	17	18	14	13	9	5	10	11	11	23	171	✓ ✓
* Days with .04 in. or more.	15	13	9	14	9	5	5	2	6	8	7	16	109	✓ ✓

† Spare column, no entries required.

(Signed) P Hempel

Waterworks Manager

[P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3111/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Austerfield Pumping Station

in the County of Yorkshire

Diameter of Funnel of Gauge 8 in.

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,, Ground ,, Sea Level 32 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·01	TRACE	—	—	·04	·63	·34	—	TRACE	TRACE	·02	·03		1
2	·01	—	—	TRACE	·02	TRACE	—	—	·03	·09	·02	·10		2
3	·04	—	—	—	—	·02	·11	—	·30	·82	·01	—		3
4	·06	—	—	·04	—	·04	·01	·64	—	·05	·02	·13		4
5	—	TRACE	—	TRACE	—	·01	·03	—	TRACE	·18	—	TRACE		5
6	—	·01	—	—	—	—	·54	—	·06	·04	—	TRACE		6
7	·10	—	—	—	—	—	·09	·17	·18	·01	—	·02		7
8	·25	—	—	—	—	—	·13	·03	—	·21	—	·07		8
9	·01	·06	—	—	—	·10	—	·01	·02	·01	—	·19		9
10	·02	—	—	—	—	·04	·36	—	·01	—	—	·02		10
11	·24	·01	—	—	—	—	·02	—	·02	·03	·02	·02		11
12	·08	·06	—	—	·03	—	TRACE	·01	TRACE	·26	—	—		12
13	—	·07	—	—	—	—	—	—	·02	·03	·03	·30		13
14	·06	TRACE	—	—	·08	—	·30	—	·18	—	—	·01		14
15	·12	—	—	—	·01	—	·28	·04	—	—	·01	·30		15
16	·06	—	TRACE	—	—	—	·46	·02	—	·01	·01	·24		16
17	—	TRACE	—	—	1·89	—	·10	·02	—	·05	—	—		17
18	·02	·01	—	—	·11	·07	—	·01	·04	·06	·15	—		18
19	—	TRACE	—	—	·01	—	—	·06	·01	—	—	·15		19
20	·01	—	—	—	—	—	—	—	TRACE	—	·35	·24		20
21	—	—	—	—	—	—	—	·01	TRACE	—	—	·27		21
22	—	TRACE	—	—	—	·19	—	—	—	—	·28	·19		22
23	—	—	—	·01	·06	·05	—	—	·05	—	·06	·03		23
24	—	—	·12	TRACE	·04	TRACE	·17	·05	·30	TRACE	·05	TRACE		24
25	·02	·11	TRACE	—	—	—	—	TRACE	·01	·20	·64	·15		25
26	—	·65	·13	—	·01	·05	—	—	·18	·08	—	TRACE		26
27	·03	·01	—	—	·15	·11	·12	·19	·06	·02	·14	—		27
28	·09	—	—	—	·73	·05	·06	·99	·07	—	—	·03		28
29	·01	✕	—	·02	·57	·02	·01	—	TRACE	·02	·07	·05		29
30	·02	✕	—	—	·16	·06	—	—	·12	—	·03	·02		30
31	·10	✕	—	✕	·11	✕	—	—	✕	·15	✕	·45		31
TOTAL	1·36	0·99	0·25	0·07	4·02	1·44	3·13	2·25	1·66	2·32	1·91	3·01	Year's Total 22·41	✓
* Days with .01 in. or more.	21	9	2	3	16	14	17	14	18	19	17	22	172	✓
* Days with .04 in. or more.	11	5	2	1	11	11	13	7	11	12	8	14	106	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) P. Hempel

Waterworks Manager

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3111/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Austerfield Pumping Station

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Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 32 ft.

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Jan. 1, following

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·01	—	·01	·05	TRACE	—	·28	·24	·02	—	—	·01		1
2	·12	—	—	·02	—	—	·03	·27	·25	TRACE	·04	—		2
3	·15	—	—	·18	—	—	TRACE	·42	—	—	·22	·18		3
4	·14	—	·20	·37	—	—	·08	·68	—	·03	·02	1·03		4
5	—	—	—	—	·05	—	·02	·73	—	·12	·18	·34		5
6	·33	—	—	—	—	—	·21	—	—	·01	·02	—		6
7	·10	·03	TRACE	—	—	—	·05	TRACE	—	TRACE	·08	·23		7
8	·04	·02	·04	—	—	—	·22	·04	—	·02	·03	·27		8
9	·01	·02	—	—	—	—	·01	·08	—	·68	TRACE	·17		9
10	·59	TRACE	—	—	—	·02	—	·01	·05	·02	—	—		10
11	·06	—	·33	—	·04	·26	—	—	TRACE	·01	—	TRACE		11
12	TRACE	·04	·01	—	—	·05	—	—	TRACE	—	TRACE	TRACE		12
13	TRACE	—	—	·03	TRACE	·03	TRACE	—	·05	·16	·01	TRACE		13
14	·40	—	TRACE	·02	·21	·12	·23	—	·01	·15	·03	·01		14
15	·11	—	—	TRACE	·16	·24	·65	—	·01	—	TRACE	TRACE		15
16	TRACE	—	·16	—	·59	·14	·16	—	—	—	·13	—		16
17	·74	—	TRACE	·26	TRACE	—	1·39	—	—	·55	—	—		17
18	·08	·02	·07	—	—	·11	·05	—	·03	·01	1·35	—		18
19	·20	—	TRACE	—	—	·20	·09	—	TRACE	—	TRACE	·01		19
20	TRACE	—	—	—	—	·08	·02	·01	·05	—	—	—		20
21	·15	·18	·16	·01	·01	·10	·04	—	·07	TRACE	TRACE	—		21
22	·10	·21	·08	—	—	TRACE	·03	—	·03	—	·14	—		22
23	TRACE	—	—	·09	—	·11	·01	·01	—	·04	·33	—		23
24	·01	—	·06	·01	—	—	·16	·01	—	—	—	—		24
25	·59	·03	·02	·01	—	·02	TRACE	·45	—	—	·21	·03		25
26	TRACE	·02	—	·12	—	—	—	·03	—	·04	·03	—		26
27	·03	·09	·36	·03	—	·02	·01	—	—	·20	·09	—		27
28	·01	·15	·11	·04	—	·08	·09	—	—	·02	·22	·02		28
29	—	×	·01	·05	—	—	·27	—	—	·20	TRACE	TRACE		29
30	—	×	—	—	—	·10	—	—	—	TRACE	·12	—		30
31	—	×	·01	×	—	×	·01	·01	×	·02	×	—		31
TOTAL	3·97	0·81	1·63	1·29	1·06	1·68	4·11	2·99	0·57	2·28	3·25	2·30	Year's Total 25·94	✓
* Days with .01 in. or more.	21	11	15	15	6	16	23	14	10	17	18	11	177	✓
* Days with .04 in. or more.	16	5	10	8	5	12	15	8	5	9	12	6	111	✓

† Spare column, no entries required.

(Signed) C. Hempel

* See Instruction 3 (f) on other side.

P.T.O.

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Section **A** for the entry of Daily Observations

Station No. 3111/3

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN ~~193~~ 1940.

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Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 32 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·04	TRACE	·01	—	—	—	—	—	—	·13	TRACE		1
2	—	TRACE	—	·30	—	—	—	—	—	—	·14	·06		2
3	·03	·14	—	·05	—	—	·02	—	—	·09	·08	·09		3
4	—	·14	—	·13	—	—	·05	—	—	·09	·44	·07		4
5	—	—	—	—	·15	—	·13	—	—	·10	·14	·19		5
6	·08	·11	—	—	·01	—	TRACE	—	—	·60	—	TRACE		6
7	·03	·26	—	·08	·01	—	TRACE	TRACE	TRACE	—	—	·30		7
8	TRACE	TRACE	—	·02	—	—	—	—	·01	·08	TRACE			8
9	—	—	·30	·01	—	—	·02	—	·04	·01	·61	·03		9
10	—	—	TRACE	—	TRACE	—	·80	—	—	—	·08	TRACE		10
11	—	·05	·01	TRACE	—	·21	·42	—	—	—	·40	—		11
12	—	·02	·13	—	—	TRACE	·03	—	·12	—	·03	—		12
13	—	·01	·20	—	—	—	—	·01	·03	TRACE	—	—		13
14	—	—	·03	·02	·31	—	TRACE	TRACE	—	TRACE	TRACE	·37		14
15	·04	—	·01	—	·01	·11	TRACE	—	—	·01	·10	TRACE		15
16	·11	·04	·11	·01	·01	·02	·26	—	·06	·83	·35	·02		16
17	—	—	·47	·01	·01	—	1·10	—	·04	·01	·95	·01		17
18	·02	·18	·10	·89	—	—	·09	·36	·21	·03	·01	·08		18
19	—	·14	·02	·13	—	·03	·22	—	·10	·07	·15	·01		19
20	—	·01	—	·18	—	·04	·04	·08	—	·03	·04	·01		20
21	·05	·01	·02	—	—	·44	TRACE	·02	—	·08	1·10	—		21
22	TRACE	TRACE	—	—	·02	·13	—	—	·06	·01	—	·01		22
23	—	·08	·01	·01	·03	·18	TRACE	—	—	·03	·10	·07		23
24	·15	—	—	·02	—	—	·09	—	·01	·06	TRACE	—		24
25	—	—	—	—	TRACE	—	—	—	TRACE	·06	—	—		25
26	·56	·02	—	—	—	·03	TRACE	·03	—	TRACE	—	—		26
27	·76	·10	·01	·01	·05	—	·20	·01	—	·01	—	—		27
28	·03	·36	—	TRACE	TRACE	—	—	—		—	—	—		28
29	TRACE	TRACE	·09	TRACE	—	·21	—	—	—	TRACE	—	·34		29
30	·17	✕	—	·02	TRACE	—	—	—	—	·18	·01	·32		30
31	·20	✕	·06	✕	—	✕	—	—	✕	1·10	✕	·14		31
TOTAL	2·23	1·71	1·57	1·90	0·61	1·40	3·47	0·51	0·68	3·48	4·86	2·12	Year's Total 24·54	
* Days with .01 in. or more.	13	17	15	17	10	10	14	6	10	20	18	18	168	
* Days with .04 in. or more.	9	12	8	7	3	7	11	2	7	12	15	12	105	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) PHempel

[P.T.O.

3111/5

ROSSINGTON MAIN COLLIERY
1931 —— 40

780507

Section **A** for the entry
AIR MINIST

FORM 1090.

REGI

FOR OFFICIAL USE.
3111/5
LL ORGANIZATION.
WR/6

Kept at X ROSSINGTON
in the County of YOR

Diameter of Funnel of Gauge
Height of top of Gauge above Gr
,, Ground ,, Sea

THE MORNING MEA

An observer who does not conform
year in the space on the right of

Y.
following

Jan. 1, following

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1												-	1
2												·02	2
3												·02	3
4												-	4
5												·16	5
6												-	6
7												-	7
8												-	8
9												·01	9
10												-	10
11												-	11
12											·02	-	12
13											Trace	-	13
14											·72	-	14
15											·04	·02	15
16											·01	-	16
17											Trace	-	17
18											·60	-	18
19											Trace	-	19
20											Trace	Trace	20
21											·16	-	21
22											Trace	-	22
23											·18	·30	23
24											-	-	24
25											·01	·01	25
26											·16	-	26
27											·12	·03	27
28											Trace	·07	28
29											·01	·10	29
30		×									-	-	30
31		×		×		×			×		×	-	31
TOTAL												·74	YEAR'S TOTAL
*Days with ·01 in. or more.												10	
*Days with ·04 in. or more.												4	

RAIN GAUGE INSTALLED ON THIS DATE

40-9999

N

*See Instruction 2 (*f*) on other side

(Signed) Geo B. Nicholls [P.T.O.

Section **A** for the entry of Daily Observations.

FOR OFFICIAL USE.

3111/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1931.

WR/6

Kept at X ROSSINGTON MAIN COLLIERY X
in the County of YORKSHIRE
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 22 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1												–	1
2												·02	2
3												·02	3
4												–	4
5												·16	5
6												–	6
7												–	7
8												–	8
9												·01	9
10												–	10
11												–	11
12											·02	–	12
13							RAIN GAUGE INSTALLED				Trace	–	13
14							ON THIS DATE				·72	–	14
15											·04	·02	15
16											·01	–	16
17											Trace	–	17
18											·60	–	18
19											Trace	–	19
20											Trace	Trace	20
21											·16	–	21
22											Trace	–	22
23											·18	·30	23
24											–	–	24
25											·01	·01	25
26											·16	–	26
27											·12	·03	27
28											Trace	·07	28
29		×									·01	·10	29
30		×									–	–	30
31		×		×		×			×		×	–	31
TOTAL												·74	YEAR'S TOTAL
*Days with ·01 in. or more.												10	
*Days with ·04 in. or more.												4	

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*See Instruction 2 (*f*) on other side.

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(*Signed*) Geo B. Nicholls [P.T.O.

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Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932 .

Kept at Rossington Main Colliery

in the County of Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 22 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·06	·01	–	·05	·57	Trace	–	Trace	·15	·09	Trace	·02	1
2	·06	–	–	–	·40	–	–	·04	·10	Trace	–	·03	2
3	Trace	–	–	·11	·02	Trace	·40	–	Trace	·01	–	·05	3
4	–	–	–	·12	·01	·01	Trace	–	–	–	–	–	4
5	·03	Trace	·03	–	·05	Trace	Trace	Trace	·04	–	–	Trace	5
6	·44	–	·04	·02	Trace	–	·01	–	03	–	–	–	6
7	·01	–	·05	·09	Trace	–	–	–	–	·14	·01	–	7
8	Trace	Trace	–	·07	·07	–	–	–	·12	·07	·01	Trace	8
9	·02	·08	·01	–	Trace	–	–	–	·01	–	–	–	9
10	·02	·01	–	·08	–	–	–	–	·04	·22	–	·13	10
11	Trace	·04	·01	·12	·25	·53	1·19	·02	Trace	Trace	·02	Trace	11
12	·06	Trace	–	Trace	·06	Trace	·09	Trace	–	·14	·07	–	12
13	·03	·07	–	·02	·01	–	·14	Trace	Trace	·21	·03	Trace	13
14	Trace	Trace	Trace	·02	–	–	·08	Trace	–	Trace	·10	Trace	14
15	–	–	–	Trace	·07	–	–	–	–	·04	Trace	·05	15
16	·19	–	–	·12	·02	–	Trace	–	–	Trace	·02	Trace	16
17	–	Trace	Trace	–	Trace	–	Trace	–	·02	Trace	Trace	–	17
18	–	–	–	–	Trace	–	–	–	–	–	Trace	Trace	18
19	–	Trace	–	·03	Trace	Trace	–	·02	·05	·21	–	Trace	19
20	–	–	Trace	·07	·52	–	·02	·30	–	·19	·03	–	20
21	–	Trace	·21	·02	3·14	–	·02	·38	Trace	·42	·02	·05	21
22	–	–	·39	Trace	·43	–	·11	–	·27	Trace	·17	·01	22
23	–	Trace	–	·05	·16	Trace	·04	–	–	·10	·06	·01	23
24	·01	Trace	–	Trace	·03	–	·15	–	·02	Trace	·05	–	24
25	–	·06	Trace	·08	Trace	Trace	·02	Trace	Trace	·37	Trace	Trace	25
26	–	Trace	·06	·12	·59	–	·06	–	–	·20	·17	Trace	26
27	–	–	·19	·12	·58	–	·01	–	Trace	Trace	·14	·01	27
28	–	Trace	·10	·02	·16	Trace	·33	·58	–	·03	–	Trace	28
29	–	–	·09	·03	·01	·07	·01	·17	·15	·32	·07	·14	29
30	–	✕	·03	·07	Trace	·04	·03	·02	·25	·01	·12	·20	30
31	–	✕	·07	✕	·02	✕	·33	–	✕	–	✕	·06	31
TOTAL	·93	·27	1·28	1·43	7·17	·65	3·04	1·53	1·25	2·77	1·09	·76	YEAR'S TOTAL 22·17
Days with ·01 in. or more.	11	6	13	21	21	4	18	8	13	17	16	12	160
Days with ·04 in. or more.	5	4	9	14	14	3	11	5	9	14	9	7	104

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(Signed) [redacted]

ROSSINGTON COLLIERY CO L[illegible]

[P.T.O.

3111/5

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933 .

Kept at Rossington Main Colliery

in the County of Yorks

Station No 3111/5

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 22 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·13	·05	·17	–	Trace	–	–	–	–	–	·32	–	1
2	·14	–	26	–	–	Trace	–	–	·01	·01	·09	–	2
3	·02	·09	·06	–	·29	–	–	–	–	Trace	·09	–	3
4	·03	–	·03	–	·12	–	–	–	–	–	–	–	4
5	·06	·02	·15	–	·22	–	Trace	–	–	–	Trace	–	5
6	–	·08	·04	–	·60	–	–	–	–	–	Trace	·05	6
7	–	·06	Trace	Trace	·20	–	·08	Trace	–	·44	Trace	·02	7
8	–	Trace	·53	·03	·02	–	·27	–	Trace	–	–	·03	8
9	Trace	·11	–	–	·01	–	·27	–	–	·39	Trace	Trace	9
10	·01	–	–	–	Trace	·16	·27	–	–	3·25	·05	Trace	10
11	·03	–	–	–	·04	·03	·30	Trace	–	·09	–	–	11
12	·02	–	–	–	Trace	·06	·11	–	–	–	–	·03	12
13	–	–	Trace	–	·30	Trace	·07	·08	·04	·02	·05	–	13
14	Trace	–	–	–	Trace	–	·02	Trace	–	·01	·37	·02	14
15	·69	–	–	–	–	·17	–	·02	–	·06	·07	·07	15
16	·24	–	·39	Trace	·05	·10	·02	·01	–	·02	·13	Trace	16
17	·15	·01	·89	Trace	Trace	·17	–	Trace	·08	–	·14	Trace	17
18	–	·15	·10	·02	–	·11	–	Trace	–	–	·07	–	18
19	–	·03	·19	·02	–	·11	–	–	·02	–	Trace	·02	19
20	–	–	Trace	–	–	·03	–	·06	Trace	Trace	·04	Trace	20
21	–	Trace	–	Trace	·07	·47	–	·04	·01	–	·01	Trace	21
22	–	Trace	–	–	·09	·04	–	·19	Trace	·71	·04	Trace	22
23	Trace	·04	–	·06	·01	·38	–	–	·35	·01	Trace	–	23
24	–	·69	–	·17	·18	·24	–	–	·82	·01	Trace	·03	24
25	–	1·34	–	·22	·02	·07	–	–	·18	Trace	·02	–	25
26	–	·83	–	·03	–	Trace	–	–	·01	·07	Trace	·03	26
27	–	·01	–	·02	Trace	–	–	–	·08	·12	Trace	Trace	27
28	–	·01	–	–	·10	–	·08	–	–	·24	–	–	28
29	Trace	×	–	·24	–	–	Trace	–	·01	·08	Trace	Trace	29
30	·17	×	Trace	·11	–	–	·04	–	–	·01	–	·04	30
31	·02	×	·02	×	–	×	–	·03	×	·01	×	–	31
TOTAL	1·71	3·52	2·83	·92	2·32	2·44	1·53	·43	1·61	5·55	1·49	·34	YEAR'S TOTAL 24·39
Days with ·01 in. or more.	13	15	12	10	16	14	11	7	11	18	14	10	151
Days with ·04 in. or more.	7	10	10	5	12	12	9	4	6	10	12	3	100

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(Signed) Geo. B. Nicholls

[P.T.O.

3111/5

Section **A** **for the entry of Daily Observations.**

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

Kept at ROSSINGTON MAIN COLLIERY

in the County of YORKSHIRE

Station 3111/5

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 22 ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following.

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	Trace	–	–	–	–	–	–	·07	–	·08	–	·28	1
2	Trace	·01	·02	Trace	–	–	–	·20	·21	Trace	·07	·24	2
3	·05	·05	–	–	–	–	–	Trace	Trace	·06	·02	Trace	3
4	·03	Trace	·05	·37	·02	–	–	–	·09	·13	–	·51	4
5	–	–	·10	·01	·14	Trace	–	·08	–	·01	·11	·03	5
6	·01	–	·02	Trace	·15	·15	–	·10	–	·07	–	·58	6
7	·06	Trace	Trace	–	Trace	·06	–	–	–	·07	·08	·22	7
8	–	–	Trace	–	·03	·30	–	·03	–	·02	·57	·05	8
9	Trace	–	·26	·06	–	–	–	·01	Trace	Trace	·80	·07	9
10	Trace	–	·23	·12	–	Trace	–	·02	–	Trace	Trace	Trace	10
11	·44	–	·26	·32	–	–	–	·01	–	–	Trace	·27	11
12	Trace	Trace	·38	·04	–	–	·10	·02	Trace	Trace	–	·06	12
13	·20	–	·01	·03	Trace	·01	·26	·05	Trace	Trace	·05	·07	13
14	·23	–	·24	–	Trace	·08	Trace	Trace	Trace	·01	·17	·20	14
15	·08	Trace	·07	Trace	·10	–	Trace	·01	Trace	·04	·21	·20	15
16	·06	Trace	·06	–	·46	–	–	–	–	Trace	·05	Trace	16
17	·07	–	·03	Trace	Trace	Trace	·06	Trace	·15	Trace	·03	·09	17
18	·03	–	·07	·15	Trace	·04	·03	Trace	Trace	–	–	·02	18
19	–	–	·10	·06	·03	·02	–	Trace	·14	·09	–	–	19
20	–	–	·02	Trace	Trace	·12	–	Trace	Trace	–	–	Trace	20
21	–	–	Trace	–	–	·27	Trace	–	·05	·02	–	Trace	21
22	–	–	–	–	–	Trace	Trace	·14	·19	Trace	Trace	Trace	22
23	–	–	·09	·10	·01	–	·31	–	–	·04	·10	·10	23
24	–	·05	·10	·11	Trace	·11	·11	–	·06	·02	–	Trace	24
25	·01	–	–	·20	Trace	Trace	Trace	–	·07	·14	–	·20	25
26	·08	·08	–	·10	–	·04	·01	–	·04	–	·01	·19	26
27	–	·75	Trace	·75	–	·08	·03	–	·02	·09	–	·10	27
28	–	–	–	·02	–	·13	Trace	·24	–	·07	–	·27	28
29	–	×	·01	–	–	–	·01	·01	·32	–	–	·04	29
30	·03	×	Trace	–	–	–	·29	Trace	Trace	·23	–	Trace	30
31	·02	×	–	×	–	×	–	·04	×	–	×	Trace	31
													YEAR'S TOTAL
TOTAL	1·40	·94	2·12	2·44	·94	1·41	1·21	1·03	1·34	1·19	2·27	3·79	20·08
Days with ·01 in. or more.	15	5	19	15	8	13	10	15	11	17	13	21	162
Days with ·04 in. or more.	9	4	13	12	4	11	6	8	10	12	10	19	118

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(Signed) G B Nicholls [P.T.O.

COPY FOR OFFICIAL USE.

Section **A** **for the entry of Daily Observations.**

Station No 3111/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Rossington Main Colliery

in the County of Yorkshire

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft 0 in.

,, Ground ,, Sea Level 22 ft.

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Jan. 1, following

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·38	–	·27	·02	–	·05	·01	–	1·46	·04	·13	·40	1
2	TRACE	·07	·05	TRACE	–	·19	–	TRACE	–	·44	·08	–	2
3	TRACE	·01	·20	·12	–	·05	–	–	TRACE	·16	·09	–	3
4	–	–	TRACE	TRACE	–	·20	TRACE	–	–	·45	TRACE	–	4
5	–	·22	–	TRACE	–	·55	–	–	TRACE	·14	·08	–	5
6	·06	–	TRACE	·01	–	·14	–	–	–	–	–	–	6
7	·03	–	–	·10	–	·23	–	–	–	–	·38	·16	7
8	·01	–	·01	·07	–	·08	–	1·08	–	TRACE	·05	·08	8
9	–	–	TRACE	·09	TRACE	–	–	–	–	·48	·16	·02	9
10	TRACE	·01	TRACE	·08	–	·09	–	–	–	·09	TRACE	TRACE	10
11	·18	TRACE	–	TRACE	TRACE	TRACE	–	TRACE	–	–	·15	·08	11
12	–	·03	–	–	–	·05	–	TRACE	TRACE	–	–	–	12
13	·08	·01	–	·10	·17	·01	–	–	·19	–	·01	–	13
14	–	TRACE	TRACE	·09	·07	·01	·01	TRACE	TRACE	–	·34	·14	14
15	–	TRACE	–	·36	·05	–	·11	–	·07	TRACE	·08	·07	15
16	–	·36	·10	·02	TRACE	·06	TRACE	–	·30	TRACE	·28	–	16
17	TRACE	TRACE	–	·09	TRACE	·41	·06	·03	·04	·01	1·11	–	17
18	·02	TRACE	–	TRACE	·06	·13	·28	–	·06	·11	·05	–	18
19	·02	TRACE	–	·08	–	·22	·01	–	–	·01	·19	TRACE	19
20	·01	·01	–	·20	–	·10	TRACE	–	–	–	·22	–	20
21	–	·63	–	–	–	–	–	·02	·31	TRACE	·10	–	21
22	–	·22	·02	–	–	–	–	·01	–	–	·07	–	22
23	TRACE	–	·16	·20	–	–	–	TRACE	·04	·09	·03	TRACE	23
24	·05	·68	·03	–	–	TRACE	–	–	1·10	–	–	·18	24
25	·06	·08	–	–	–	TRACE	–	–	–	–	–	·18	25
26	·30	TRACE	–	–	–	–	·01	·44	·52	·01	TRACE	·17	26
27	·03	·20	–	–	·03	–	–	–	·16	TRACE	·01	·74	27
28	TRACE	·03	–	–	–	–	–	TRACE	·02	·12	·01	·22	28
29	·04	×	·03	–	–	–	–	·02	·08	·01	·01	·11	29
30	·06	×	–	TRACE	–	TRACE	–	·07	·01	·24	·14	·02	30
31	·01	×	–	×	–	×	–	TRACE	×	·34	×	·17	31
TOTAL	1·34	2·56	·87	1·68	·38	2·57	·49	1·67	4·36	2·74	3·77	2·74	YEAR'S TOTAL 25·12
*Days with ·01 in. or more.	16	14	9	15	5	17	7	7	14	16	23	15	158
*Days with .04 in. or more.	9	8	5	12	4	15	3	3	12	12	18	13	114

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*See Instruction 2 (*f*) on other side.

(*Signed*) G B Nicholls

P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at ROSSINGTON MAIN COLLIERY

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5 in.

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,, Ground ,, Sea Level 22 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	—	·10	·08	·38	—	TRACE	·02	—	·01	TRACE	TRACE	·13		1
2	·03	·01	·13	TRACE	—	·31	·16	·20	TRACE	TRACE	·23	·11		2
3	·02	·06	—	TRACE	—	·11	—	·02	·29	—	—	·05		3
4	·03	·02	·10	—	TRACE	·05	—	TRACE	·05	—	·13	·08		4
5	·05	TRACE	·18	—	TRACE	—	TRACE	·22	—	—	—	·13		5
6	TRACE	—	TRACE	—	TRACE	·05	·16	·18	·39	TRACE	·10	—		6
7	·23	—	TRACE	—	—	TRACE	·60	—	·05	TRACE	·04	·03		7
8	·10	—	·05	—	TRACE	—	TRACE	—	TRACE	TRACE	·07	·01		8
9	·21	TRACE	·08	—	—	·03	·12	—	—	·09	·23	—		9
10	·01	—	—	—	—	—	·44	·14	·01	TRACE	·03	—		10
11	—	—	—	·06	—	·01	·05	—	TRACE	—	·41	—		11
12	—	—	TRACE	·16	·05	·45	·42	—	·15	—	·14	TRACE		12
13	—	—	—	·17	TRACE	·19	·03	TRACE	·15	·11	TRACE	·30		13
14	—	—	—	·17	—	·10	TRACE	—	·22	—	·09	·08		14
15	·29	·02	—	·08	—	TRACE	·12	·10	·02	—	·09	·03		15
16	·18	·03	—	·02	·03	—	·02	—	TRACE	—	·35	·05		16
17	—	·56	TRACE	—	·06	—	·20	—	TRACE	TRACE	·01	—		17
18	—	·01	—	—	—	TRACE	·09	·04	—	·30	·09	TRACE		18
19	·43	·02	TRACE	·01	—	·29	TRACE	·56	—	·24	TRACE	—		19
20	·02	·13	·01	·09	TRACE	·03	·23	—	TRACE	—	—	TRACE		20
21	·01	—	—	·02	·01	·09	—	—	—	TRACE	—	TRACE		21
22	·03	·34	·04	—	·05	1·01	·16	—	—	—	·02	—		22
23	—	·16	·01	·04	TRACE	TRACE	·40	—	—	TRACE	TRACE	—		23
24	·14	·04	TRACE	·02	·39	—	TRACE	—	·18	·15	TRACE	—		24
25	·14	—	·03	·07	TRACE	—	·07	—	·15	·15	—	—		25
26	TRACE	·07	·32	—	—	—	·03	—	·11	·09	·02	—		26
27	·17	—	·01	·12	—	TRACE	—	—	·11	·17	—	—		27
28	·21	·62	·02	—	TRACE	·07	·15	—	·03	—	·20	·09		28
29	·53	·25	·12	—	·01	·19	·07	TRACE	—	·01	·27	·11		29
30	—	X	TRACE	—	·60	·18	·27	—	TRACE	·76	·04	—		30
31	·05	X	·04	X	—	X	·01	—	X	TRACE	X	·03		31
TOTAL	2·88	2·44	1·22	1·41	1·20	3·16	3·82	1·46	1·92	2·07	2·56	1·23	Year's Total 25·37	✓
*Days with ·01 in. or more.	20	16	15	14	8	16	22	8	15	10	19	14	177	✓
*Days with .04 in. or more.	13	10	10	10	5	13	17	7	11	9	15	10	130	✓

40-9999

*See Instruction 2 (*f*) on other side.

J. Haynes Surveyor

† Spare column, no entries required.

(*Signed*) E.B. Nicholls.

[P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

3111/5

Kept at ROSSINGTON MAIN COLLIERY

in the County of YORKSHIRE

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 22 ft.

STATION Nº 3111/5

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following: ✓

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·05	·07	·39	—	—	TRACE	TRACE	—	·04	—	·05	·14	1
2	—	·05	·02	·24	—	TRACE	—	—	—	—	TRACE	1·92	2
3	TRACE	·01	—	·05	·05	·04	·02	—	—	—	—	·16	3
4	·08	·02	·03	·33	—	—	TRACE	TRACE	—	—	—	·31	4
5	·13	—	—	—	—	—	—	—	—	TRACE	TRACE	·11	5
6	—	·10	·06	·03	·20	—	—	—	—	TRACE	·02	·11	6
7	—	·20	·02	·16	·12	TRACE	—	—	—	TRACE	·01	·04	7
8	—	·44	—	·10	—	TRACE	—	—	TRACE	—	·13	·04	8
9	—	·04	—	·07	·25	—	·50	·04	—	—	TRACE	·08	9
10	·01	—	—	·08	·02	·12	TRACE	—	—	·01	·02	·19	10
11	TRACE	—	·65	·08	·48	—	—	TRACE	TRACE	TRACE	—	·09	11
12	·08	·33	TRACE	—	·97	·39	—	—	·14	—	—	·10	12
13	—	·02	·01	TRACE	·01	1·20	TRACE	—	TRACE	—	—	·15	13
14	—	·03	·34	TRACE	TRACE	TRACE	—	TRACE	TRACE	—	—	·13	14
15	·12	·21	TRACE	·48	—	—	1·43	—	TRACE	—	—	·03	15
16	·07	·02	·21	·61	—	·17	—	·05	·33	—	—	·07	16
17	·15	·02	·18	·63	—	TRACE	—	—	·85	—	—	TRACE	17
18	1·07	·03	·03	TRACE	—	TRACE	TRACE	·02	—	TRACE	·42	—	18
19	·01	·01	·01	·03	—	·27	·16	TRACE	—	—	·35	—	19
20	·22	·04	—	·13	·75	—	·23	TRACE	·01	—	—	TRACE	20
21	·03	—	·02	TRACE	—	—	—	TRACE	—	·06	—	TRACE	21
22	TRACE	—	TRACE	—	TRACE	—	TRACE	—	—	·18	·05	·01	22
23	·20	—	TRACE	—	·05	—	·13	—	—	·64	·37	—	23
24	·39	·14	—	—	TRACE	·02	TRACE	—	·02	·64	—	—	24
25	·07	·29	—	—	·02	—	TRACE	TRACE	TRACE	·63	—	TRACE	25
26	·04	·15	·05	—	·48	—	—	TRACE	—	—	—	·02	26
27	—	·01	—	·09	—	—	—	TRACE	—	·64	TRACE	·02	27
28	TRACE	·30	·05	—	—	·01	—	—	—	—	—	—	28
29	·02		—	—	—	TRACE	—	—	—	—	·03	·02	29
30	·62	✕	—	—	—	·02	—	TRACE	—	·14	·06	·03	30
31	·17	✕	—	✕	—	✕	—	—	✕	·14	✕	·02	31 d
TOTAL	3·43	2·53	2·07	3·11	3·40	2·24	2·47	·11	1·39	3·08	1·51	3·79	YEAR'S TOTAL 29·13 ✓
*Days with ·01 in. or more.	19	22	15	15	12	9	6	3	6	9	11	22	" 149 ✓
*Days with ·04 in. or more.	15	13	8	13	9	6	5	2	4	8	7	15	" 105 ✓

40-9999

(Signed) G. B. Nicholls [P.T.O.

*See Instruction 2 (*f*) on other side.

COPY FOR OFFICIAL USE Air Ministry

Section **A** for the entry of Daily Observations
Station No. 3111/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at ROSSINGTON MAIN COLLIERY

in the County of YORKS

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 22 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	TRACE	–	–	·01	·69	·05	–	TRACE	–	·04	·11		1
2	·03	TRACE	–	TRACE	·05	TRACE	–	–	·03	·12	·03	·10		2
3	·06	–	–	TRACE	–	–	·04	–	·30	·86	·01	–		3
4	·02	–	–	·03	–	·04	·08	·54	–	·06	·01	·14		4
5	TRACE	–	–	–	–	–	·03	TRACE	·01	·29	–	TRACE		5
6	·01	·01	–	–	–	–	·36	–	·03	·05	–	TRACE		6
7	·11	TRACE	–	–	–	–	·17	·16	·16	·01	–	·03		7
8	·06	–	–	–	–	–	·14	·10	–	·21	–	·07		8
9	·25	·06	–	–	–	·09	TRACE	·06	·02	·02	–	·20		9
10	·02	TRACE	–	–	TRACE	·03	·27	–	·04	–	TRACE	·01		10
11	·22	–	–	–	–	–	·01	–	–	·02	·03	·05		11
12	·10	·04	–	–	·03	–	TRACE	·45	TRACE	·29	–	TRACE		12
13	TRACE	·10	–	–	·01	–	–	–	·02	·02	·04	·36		13
14	·10	TRACE	–	–	·05	–	·28	–	·24	–	–	TRACE		14
15	·11	–	–	–	TRACE	–	·38	·04	–	–	·01	·34		15
16	·10	–	TRACE	–	–	–	·28	·03	–	·01	·02	·31		16
17	TRACE	TRACE	–	TRACE	·58	–	·20	·05	TRACE	·07	–	–		17
18	·06	·10	–	–	·18	·01	–	TRACE	·03	·05	·16	TRACE		18
19	TRACE	–	–	–	TRACE	·01	–	·13	TRACE	–	–	·14		19
20	·02	–	–	–	–	–	TRACE	–	TRACE	–	·39	·24		20
21	–	–	TRACE	TRACE	–	–	–	TRACE	TRACE	–	TRACE	·23		21
22	–	TRACE	–	TRACE	–	·32	–	–	TRACE	–	·31	·19		22
23	TRACE	–	–	·04	·05	·02	–	–	·10	·01	·10	TRACE		23
24	–	–	·09	TRACE	·13	–	·16	·06	·33	TRACE	·04	–		24
25	TRACE	·15	TRACE	TRACE	–	TRACE	–	TRACE	–	·20	·65	·11		25
26	TRACE	·80	·11	–	TRACE	–	–	–	·18	·09	–	–		26
27	·03	·02	·02	–	·17	·23	·14	·27	·08	·01	·12	–		27
28	·09	TRACE	–	TRACE	·74	·07	·07	·80	·08	TRACE	–	·04		28
29	TRACE	×	TRACE	·05	·44	·02	·01	–	–	·01	·10	·05		29
30	TRACE		–	–	·19	·08	–	–	·11	–	·08	TRACE		30
31	·11		–		·16		TRACE	TRACE		·16		·50		31
TOTAL	1·50	1·28	·22	·12	2·79	1·61	2·67	2·69	1·76	2·56	2·14	3·22	Year's Total 22·56	✓
* Days with .01 in. or more.	18	8	3	3	14	12	17	12	16	20	17	19	159	✓
* Days with .04 in. or more.	12	6	2	2	11	7	14	11	10	12	11	17	115	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) L. B. Nicholls

P.T.O.

COPY FOR OFFICIAL USE Air Ministry

Section **A** for the entry of Daily Observations

Station No. 3111/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at ROSSINGTON MAIN COLLIERY

in the County of YORKS

Diameter of Funnel of Gauge 5" in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 22 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·09	—	·01	·06	TRACE	—	·20	·19	·05	·03	—	—		1
2	·13	—	·01	·09	—	—	·04	·26	·76	·11	·03	—		2
3	·16	TRACE	—	·21	—	—	—	·25	—	TRACE	·22	·16		3
4	·18	—	·22	·43	—	—	·06	·54	—	—	·02	1·07		4
5	—	—	TRACE	—	·08	—	·09	·43	—	—	·25	·27		5
6	·37	—	—	—	—	—	·26	—	—	TRACE	·03	—		6
7	·11	·04	·01	—	—	—	·05	TRACE	—	—	·19	·21		7
8	·01	·01	·04	—	—	—	·14	·02	—	TRACE	TRACE	·25		8
9	TRACE	·02	—	—	—	—	·01	·07	—	·87	TRACE	·16		9
10	·66	—	·03	—	—	·08	—	0·02	·09	·02	—	—		10
11	·06	TRACE	·31	—	·02	·30	—	TRACE	·03	TRACE	—	—		11
12	TRACE	·05	TRACE	—	TRACE	·05	TRACE	—	·01	—	TRACE	—		12
13	TRACE	—	—	·03	·02	·05	TRACE	—	—	·07	TRACE	TRACE		13
14	·50	TRACE	—	·02	·17	·12	·41	—	TRACE	·38	—	·01		14
15	·06	—	TRACE	TRACE	·30	·23	·33	—	·07	TRACE	·01	TRACE		15
16	·01	TRACE	·30	—	·80	·03	·50	—	—	—	·12	—		16
17	·78	TRACE	TRACE	·35	TRACE	TRACE	·12	—	—	·58	—	—		17
18	·12	·02	·04	—	TRACE	·43	·18	—	·03	TRACE	1·35	—		18
19	·23	—	TRACE	—	—	·22	·06	—	TRACE	—	—	—		19
20	TRACE	—	TRACE	—	TRACE	·03	TRACE	TRACE	·10	—	—	—		20
21	·16	·17	·20	—	TRACE	·05	·03	—	·11	—	—	—		21
22	·08	·30	·06	TRACE	TRACE	—	·07	TRACE	·04	·01	·17	—		22
23	TRACE	TRACE	TRACE	·07	—	·11	·03	·01	—	·05	·36	—		23
24	TRACE	TRACE	·09	·01	—	·01	·54	—	TRACE	—	—	—		24
25	·57	·01	·05	—	TRACE	—	—	·23	—	—	·15	·05		25
26	TRACE	·02	TRACE	·01	TRACE	—	—	—	—	·02	·02	·02		26
27	·02	·06	·39	·01	TRACE	·03	·02	—	TRACE	·24	·13	—		27
28	TRACE	·16	·15	·10	TRACE	·08	·13	—	—	TRACE	—	TRACE		28
29	—	×	·01	·02	—	—	·31	TRACE	TRACE	·19	TRACE	—		29
30	—	×	—	—	—	—	TRACE	TRACE	—	—	·12	—		30
31	—	×	TRACE	×	—	×	·05	—	×	·03	×	—		31
TOTAL	4·30	·86	1·92	1·41	1·39	1·82	3·63	2·02	1·29	2·60	3·17	2·20	Year's Total 26·61	✓
* Days with .01 in. or more.	19	11	16	13	6	15	22	10	10	13	15	9	159	✓
* Days with .04 in. or more.	16	6	11	7	4	11	18	7	7	8	10	7	112	✓ ✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) G.B.Nicholls

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3111/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19 40

Kept at ROSSINGTON MAIN COLLIERY

in the County of YORKS

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

„ Ground „ Sea Level 22 ft.

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	–	·07	TRACE	·03	–	–	–	–	–	–	·20	TRACE		1
2	–	·01	–	·20	–	–	–	–	–	–	·13	·05		2
3	TRACE	·20	–	·05	–	–	·04	–	–	·08	·05	·09		3
4	–	·17	–	·14	–	–	·02	–	–	·05	·41	·09		4
5	TRACE	–	–	–	·12	–	·29	–	–	·10	·16	·21		5
6	·10	·11	–	–	–	–	·02	–	–	·71	TRACE	TRACE		6
7	·03	·25	–	·17	·02	–	·04	·02	·01	–	–	·11		7
8	–	TRACE	–	·01	–	–	TRACE	–	–	·13	TRACE	TRACE		8
9	–	TRACE	·35	TRACE	–	–	·13	–	·03	·05	·63	TRACE		9
10	–	–	TRACE	–	–	–	·70	·01	–	–	·08	·26		10
11	–	·07	TRACE	–	–	·10	·30	–	TRACE	–	·48	–		11
12	–	TRACE	·15	–	–	TRACE	·15	–	·09	–	·07	–		12
13	–	TRACE	·25	–	–	–	–	TRACE	·01	–	–	–		13
14	–	–	·08	·03	·32	–	·65	·01	TRACE	TRACE	–	·37		14
15	·02	–	TRACE	–	–	·43	–	–	–	·14	·13	TRACE		15
16	·16	·11	·14	·02	–	TRACE	·30	–	·07	·88	·46	–		16
17	–	–	·45	TRACE	–	–	1·16	–	·01	TRACE	·77	–		17
18	·04	·18	·06	·86	–	–	·18	·35	·23	·06	·02	·15		18
19	–	·15	·04	·17	–	·02	·40	TRACE	·10	·07	·15	·02		19
20	–	–	–	·18	–	TRACE	·04	·10	–	·04	·08	–		20
21	·05	–	·02	–	–	·41	TRACE	TRACE	–	·10	1·06	–		21
22	–	–	·01	–	·02	·13	–	–	·04	·02	TRACE	·01		22
23	–	·08	·02	TRACE	·04	·29	–	–	–	·03	·09	·05		23
24	·11	–	–	·01	TRACE	–	TRACE	–	TRACE	·13	–	TRACE		24
25	TRACE	–	–	–	–	TRACE	–	–	–	·10	–	–		25
26	·82	·02	–	–	·04	·02	TRACE	·05	TRACE	·01	TRACE	TRACE		26
27	·57	·08	TRACE	TRACE	TRACE	–	·11	TRACE	TRACE	TRACE	–	–		27
28	·03	·44	–	TRACE	–	–	–	TRACE	–	TRACE	TRACE	TRACE		28
29	TRACE	–	·11	TRACE	TRACE	·05	TRACE	–	–	TRACE	–	·27		29
30	·20	✕	–	·02	TRACE	–	–	–	–	·21	TRACE	·27		30
31	·21	✕	·06	✕	TRACE	✕	–	–	✕	1·04	✕	·12		31
													Year's Total	
TOTAL	2·34	1·94	1·74	1·89	·56	1·45	4·53	·54	·59	3·95	4·97	2·07	26·57	
* Days with .01 in. or more.	12	14	13	13	6	8	16	6	9	19	17	14	147	
* Days with .04 in. or more.	9	12	10	7	4	6	14	3	5	16	16	12	114	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) G B Nicholls

[P.T.O.

Small cups.

3111/6

Section **A** for the entry o

AIR MINISTR

FORM 1090

Station No. 4975

ORGANIZATION.

REGIS

Kept at Doncaster

in the County of York

Diameter of Funnel of Gauge

Height of top of Gauge above Grou

,, Ground ,, Sea

3111/6

DONCASTER AIRPORT
1936 — 40

780507

Doncaster Corporation

THE MORNING MEAS

An observer who does not conform to
year in the space on the right of th

llowing

Jan. 1, following

Date	Jan.	Feb.	Mar.									Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·06	·06	·49										1
2	tr	·08	·12	tr										2
3	·016	·09	-	-					0·42					3
4	·025	-	·09	-										4
5	·06	·04	·18	-										5
6	tr	-	-	-										6
7	·215	-	·03	-			0·50							7
8	·03	tr	·03	-										8
9	·135	tr	·03	-										9
10	·11	-	·01	·02										10
11	·023	-	tr	·16										11
12	-	-	-	·21										12
13	-	-	-	·04								·24		13
14	-	-	-	·24										14
15	-	tr	-	·05										15
16	·15	·05	-	-										16
17	-	·08	-	-										17
18	·05	·47	-	-										18
19	-	·06	·01	tr				0·56						19
20	·44	tr	·02	·03										20
21	·02	·16	tr	·02										21
22	·015	tr	·04	tr		1·09								22
23	·05	·56	·01	·04										23
24	-	·02	tr	·01										24
25	·157	·05	·03	·08										25
26	·135	-	·32	-										26
27	·030	·07	·02	·10										27
28	·04	·12	·10	tr										28
29	·66	·28	·06	-							·44			29
30	·41	✕	-	tr	0·35					0·82				30
31	·05	✕	·06	✕		✕			✕		✕			31
TOTAL	2·56	2·19	1·22	1·49	0·99 ✓	4·11 ✓	3·89 ✓	1·90 ✓	2·10 ✓	2·04 ✓	2·66	1·09	Year's Total 26·24	Pmk
*Days with ·01 in. or more.	21	15	18	13	13	13	23	8	16	15	17	14	186	
*Days with .04 in. or more.	15	14	9	9	6	12	18	7	10	10	14	9	133.	

40-9999 Daily values in pencil to be checked [illegible]

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required. 67·6

(*Signed*) N X THE CORPORATION X

[P.T.O.

Small enfo.

3/11/6

Section **A** for the entry o [redacted] tation No. 475

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936

Kept at Doncaster (airport).
in the County of Yorks. W. Riding
Diameter of Funnel of Gauge 8. in.
Height of top of Gauge above Ground 1 ft. in.
,, Ground ,, Sea Level 30 ~~26~~ ft.

400

Estates Surveyor to Doncaster Corporation

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

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Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1		·06	·06	·49										1
2	tr	·08	·12	tr										2
3	·016	·09	-	-					0·42					3
4	·025	-	·09	-										4
5	·06	·04	·18	-										5
6	tr	-	-	-										6
7	·215	-	·03	-			0·50							7
8	·08	tr	·03	-										8
9	·135	tr	·03	-										9
10	·11	-	·01	·02										10
11	·023	-	tr	·16										11
12	-	-	-	·21										12
13	-	-	-	·04								·24		13
14	-	-	-	·24										14
15	-	tr	-	·05										15
16	·15	·05	-	-										16
17	-	·08	-	-										17
18	·05	·47	-	-										18
19	-	·06	·01	tr				0·56						19
20	·44	tr	·02	·03										20
21	·02	·16	tr	·02										21
22	·015	tr	·04	tr		1·09								22
23	·05	·56	·01	·04										23
24	-	·02	tr	·01										24
25	·157	·05	·03	·08										25
26	·135	-	·32	-										26
27	·030	·07	·02	·10										27
28	·04	·12	·10	tr										28
29	·66	·28	·06	-							·44			29
30	·41	×	-	tr	0·35					0·82				30
31	·05	×	·06	×		×			×		×			31
TOTAL	2·56	2·19	1·22	1·49	0·99	4·11	3·89	1·90	2·10	2·04	2·66	1·09	Year's Total 26·24	
*Days with ·01 in. or more.	21	15	18	13	13	13	23	8	16	15	17	14	186	
*Days with .04 in. or more.	15	14	9	9	6	12	18	7	10	10	14	9	133.	

67·6

40-9999 Daily values in pencil to be checked [illegible] at end of year

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) N X THE CORPORATION X

[P.T.O.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3111/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1937.

119/5

400

Kept at Doncaster (Airport)
in the County of Yorks W.R.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft 0 in.
,, Ground ,, Sea Level 30 ~~26~~ ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2												2·20		2
3														3
4														4
5														5
6														6
7														7
8														8
9								·04						9
10														10
11			·68		·92									11
12														12
13						1·57								13
14														14
15				·63			1·29							15
16														16
17									·39					17
18	·97										·43			18
19														19
20														20
21														21
22														22
23										1·20				23
24														24
25														25
26														26
27														27
28		·80												28
29		✕												29
30		✕												30
31		✕		✕		✕			✕		✕			31
TOTAL	3·19 ✓	3·05 ✓	2·09 ✓	3·11 ✓	3·35 ✓	2·55 ✓	2·52 ✓	·09 ✓	1·01	2·94 ✓	1·53 ✓	4·28 ✓	Year's Total 29·71 ✓	✓
*Days with ·01 in. or more.	18	19	22	17	14	12	10	7	9	10	13	22	173 ✓	✓
*Days with .04 in. or more.	13	15	12	14	9	5	7	~~6~~ 1	5	6	8	17	112 ✓	✓

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

119/5

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Section **A** for the entry of Daily Observations

Station No. 3111/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM

REGISTER OF RAINFALL IN 1938

Kept at Doncaster (Airport)

in the County of Yorks W.R

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 25 ft.

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1						.68								1
2														2
3										.55				3
4				·03										4
5														5
6														6
7														7
8	·28													8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16							·45							16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24			·15						31					24
25											.55			25
26		·83												26
27														27
28								81						28
29					·65									29
30		✕												30
31		✕		✕		✕			✕		✕	.55		31
													Year's Total	
TOTAL	1·53	1·20	·30	·08	2·76	1·88	2·77	2·00	1·85	2·17	1·93	3·32	21·79	✓
* Days with .01 in. or more.	20	9	5	4	15	13	18	11	19	18	16	21	169	✓
* Days with .04 in. or more.	10	4	2	0	10	7	16	7	11	10	11	16	104	✓

* See Instruction 3 (f) on other side.

1·58

† Spare column, no entries required.

(*Signed*) ....

[P.T.O.

~~1175~~

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3111/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Doncaster (Airport)
in the County of Yorks W.R.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 25 ft. 26

Sept est'd from nearby stns.

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2									(·25)					2
3														3
4				·45				·60				1·06		4
5														5
6														6
7														7
8														8
9										·86				9
10														10
11						·32								11
12														12
13														13
14														14
15							·52							15
16					·92									16
17	·83													17
18											·83			18
19														19
20														20
21														21
22		·25												22
23														23
24														24
25														25
26														26
27			·37											27
28														28
29														29
30		✕							–					30
31		✕		✕		✕			✕		✕			31
TOTAL	4·49	·77	1·82	1·66	1·53	1·60	3·15	1·88	(1·00) incomplete	2·41	2·97	2·14	Year's Total (25·42)	
* Days with .01 in. or more.	24	10	17	14	7	15	21	11	(2)	8	13	9	161	
* Days with .04 in. or more.	15	6	11	10	5	10	15	8	(4)	7	12	7	110	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

119/5

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3111/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40

Kept at Doncaster (Airport)
in the County of Yorks. W.R.
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 25 ft.

Jan Dec add

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1														1
2				·26										2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14					·31									14
15														15
16														16
17			·43				1·12							17
18														18
19								·34	·13					19
20									·13					20
21						·37					1·09			21
22														22
23														23
24														24
25														25
26	·66													26
27														27
28														28
29		·48												29
30		✕										·38		30
31		✕		✕		✕			✕	1·03	✕			31
													Year's Total	
TOTAL	(2·07)	2·02	1·64	1·07	·58	·72	4·47	·44	·52	3·92	4·74	(2·03)	24·22	
* Days with .01 in. or more.	12 ~~(10)~~	14 ~~11~~	13 ~~11~~	11 ~~8~~	7	7 ~~4~~	16 ~~12~~	5	9 ~~7~~	~~12~~ 19	20 ~~17~~	17 ~~14~~	150 ~~120~~	"d"
* Days with .04 in. or more.	(8)	12 ~~10~~	10	7	3 ~~8~~	4	12	2	6	14	15	12	~~106~~ ~~103~~	105

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

Section A for the entry of
AIR MINISTR

FORM 1090

REGIS

Kept at Balby Sewage Wo

in the County of York (We

Diameter of Funnel of Gauge 5

Height of top of Gauge above Gro

,, Ground ,, Sea

THE MORNING MEASURE

An observer who does not conform t
year in the space on the right of th

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3111/5/5

DONCASTER, BALBY SEWAGE WKS.

1937 — 40

)(050)

tion No. ~~3158/7~~
ORGANIZATION
3111/5/5

DAY

lowing

Jan. 1, following
✓

Date	Jan.	Feb.	Mar.	A								Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.02	0.09	0.04				0.02		0.05		0.03	0.05		1
2		0.07	0.02	0.24								2.15		2
3		0.02	0.02	0.19	0.02	0.02	0.08					0.08		3
4	0.08	0.01	0.03	0.11	0.01							0.14		4
5	0.11		0.08									0.14		5
6	0.01		0.05	0.03	0.23						0.01	0.16		6
7		0.30		0.15	0.13						0.02	0.01		7
8		0.42		0.03							0.12	0.09		8
9		0.03		0.07	0.21		0.57	0.02				0.06		9
10		0.01		0.12	0.02	0.08					0.02	0.19		10
11			0.46	0.02	0.85							0.03		11
12	0.08	0.32	0.01	0.01	0.32	0.34			0.11		0.01	0.14		12
13		0.05			0.02	1.34					0.01	0.17		13
14		0.01	0.48									0.11		14
15	0.12	0.20	0.01	0.64			1.37					0.02		15
16	0.07	0.02	0.19	0.55		0.10		0.04	0.46			0.04		16
17	0.20	0.01	0.26	0.63					0.62					17
18	0.88	0.03	0.04	0.01			0.03		0.02		0.39			18
19		0.03	0.03	0.03		0.10	0.16				0.32			19
20	0.23	0.04		0.13	0.69				0.03					20
21	0.05	0.01	0.01				0.18			0.06		0.01		21
22					0.03					0.15	0.06			22
23	0.40				0.03		0.10			1.14	0.33			23
24	0.13	0.14	0.01			0.02	0.02		0.01	0.24				24
25	0.05	0.27	0.05							0.55		0.01		25
26		0.13	0.04		0.45									26
27		0.15		0.10						0.62		0.01		27
28		0.31				0.01								28
29	0.03										0.01	0.02		29
30	0.30	✕	0.01			0.03		0.03		0.01	0.08	0.03		30
31	0.28	✕		✕		✕			✕	0.19	✕	0.03		31
TOTAL	3.04	2.67	1.84	3.06	3.01	2.04	2.53	0.09	1.30	2.96	1.41	3.69	Year's Total 27.64	✓
* Days with .01 in. or more.	17	23	19	17	13	9	9	3	7	8	13	22	160	✓
* Days with .04 in. or more.	14	13	10	11	7	5	6	1	4	7	6	13	97	✓

† Spare column, no entries required.

(*Signed*) J Oscar Kirby
Water Engineer,
Doncaster.

[P.T.O.

* See Instruction 3 (f) on other side.

Section **A** for the entry of Daily Observations

Station No. ~~3158/7~~ 3111/5/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937.

Kept at Balby Sewage Works, Doncaster.

in the County of York (West Riding).

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 29 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.02	0.09	0.04				0.02		0.05		0.03	0.05		1
2		0.07	0.02	0.24								2.15		2
3		0.02	0.02	0.19	0.02	0.02	0.08					0.08		3
4	0.08	0.01	0.03	0.11	0.01							0.14		4
5	0.11		0.08									0.14		5
6	0.01		0.05	0.03	0.23						0.01	0.16		6
7		0.30		0.15	0.13						0.02	0.01		7
8		0.42		0.03							0.12	0.09		8
9		0.03		0.07	0.21		0.57	0.02				0.06		9
10		0.01		0.12	0.02	0.08					0.02	0.19		10
11			0.46	0.02	0.85							0.03		11
12	0.08	0.32	0.01	0.01	0.32	0.34			0.11		0.01	0.14		12
13		0.05			0.02	1.34					0.01	0.17		13
14		0.01	0.48									0.11		14
15	0.12	0.20	0.01	0.64			1.37					0.02		15
16	0.07	0.02	0.19	0.55		0.10		0.04	0.46			0.04		16
17	0.20	0.01	0.26	0.63					0.62					17
18	0.88	0.03	0.04	0.01			0.03		0.02		0.39			18
19		0.03	0.03	0.03		0.10	0.16				0.32			19
20	0.23	0.04		0.13	0.69				0.03					20
21	0.05	0.01	0.01				0.18			0.06		0.01		21
22					0.03					0.15	0.06			22
23	0.40				0.03		0.10			1.14	0.33			23
24	0.13	0.14	0.01			0.02	0.02		0.01	0.24				24
25	0.05	0.27	0.05							0.55		0.01		25
26		0.13	0.04		0.45									26
27		0.15		0.10						0.62		0.01		27
28		0.31				0.01								28
29	0.03										0.01	0.02		29
30	0.30	✕	0.01			0.03		0.03		0.01	0.08	0.03		30
31	0.28	✕		✕		✕			✕	0.19	✕	0.03		31
TOTAL	3.04	2.67	1.84	3.06	3.01	2.04	2.53	0.09	1.30	2.96	1.41	3.69	Year's Total 27.64	✓
* Days with .01 in. or more.	17	23	19	17	13	9	9	3	7	8	13	22	160	✓
* Days with .04 in. or more.	14	13	10	11	7	5	6	1	4	7	6	13	97	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) Water Engineer,
Doncaster.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3111/5/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Balby Sewage Works, Doncaster.
in the County of York (West Riding).
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 29 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.01				0.01	0.58		0.01		0.02	0.04	0.13		1
2	0.01				0.05				0.01	0.12	0.04	0.14		2
3	0.02					0.01	0.05		0.28	0.68	0.01			3
4	0.03			0.01		0.03	0.11			0.05		0.15		4
5							0.02	0.43	0.01	0.37				5
6	0.04	0.01					0.31		0.03	0.07				6
7	0.10						0.14	0.16	0.27	0.01		0.03		7
8	0.28						0.14	0.07		0.20		0.07		8
9	0.04	0.06				0.10		0.08	0.01	0.01		0.22		9
10	0.02						0.23	0.01	0.01			0.02		10
11	0.21						0.03		0.01		0.02	0.05		11
12	0.09	0.01			0.02			0.14		0.23	0.01			12
13		0.02							0.01	0.01	0.06	0.34		13
14	0.12	0.03			0.04		0.35		0.16					14
15	0.20						0.37	0.04				0.36		15
16	0.05						0.42				0.03	0.34		16
17					0.44		0.08	0.04	0.02	0.03				17
18	0.02				0.15	0.01			0.06	0.04	0.17			18
19					0.01			0.06				0.11		19
20	0.02										0.34	0.15		20
21									0.01		0.05	0.10		21
22						0.60					0.29	0.14		22
23				0.01	0.06	0.04			0.07	0.01	0.10			23
24			0.15		0.19		0.09	0.10	0.32	0.01	0.04	0.01		24
25	0.02	0.14					0.01			0.18	0.60	0.05		25
26		0.90	0.11						0.09	0.10	0.02	0.02		26
27					0.07	0.20	0.19	0.27	0.09	0.02	0.15			27
28	0.09				0.57	0.07	0.08	0.65	0.05			0.02		28
29				0.02	0.65	0.01			0.01	0.02	0.06	0.06		29
30		×			0.17	0.17			0.10		0.08	0.03		30
31	0.12	×		×	0.24	×			×	0.16	×	0.57		31
TOTAL	1.49	1.17	0.26	0.04	2.67	1.82	2.62	2.06	1.62	2.34	2.11	3.11	Year's Total 21.31	
* Days with .01 in. or more.	19	7	2	3	14	11	16	13	20	20	18	22	165	
* Days with .04 in. or more.	11	3	2	–	11	7	13	11	10	11	13	16	108	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Borough Engineer& Water Engineer, Doncaster.

P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3111/575

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Balby Sewage Works, Doncaster.

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 29 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1			0.01	0.04			0.28	0.20	0.04	0.02				1
2	0.09			0.07			0.02	0.26	0.67		0.03			2
3	0.12			0.18				0.17		0.01	0.21	0.15		3
4	0.20		0.20	0.43			0.07	0.58		0.04	0.02	1.20		4
5	0.34				0.07		0.15	0.14		0.16	0.23	0.30		5
6							0.28			0.02	0.04			6
7	0.07	0.05	0.01				0.04	0.02			0.35	0.19		7
8	0.03	0.01	0.04				0.10	0.12				0.22		8
9	0.02	0.02					0.01	0.06		0.86	0.01	0.13		9
10	0.50							0.01	0.08	0.01				10
11	0.09		0.26		0.01	0.36			0.05	0.02				11
12		0.05				0.03								12
13				0.05	0.01	0.04			0.02	0.08				13
14	0.52			0.14	0.16	0.09	0.30			0.28	0.07	0.01		14
15	0.07				0.25	0.22	0.09		0.03					15
16	0.01		0.35		0.86	0.02	0.41				0.10			16
17	0.93			0.38			0.04			0.60				17
18	0.03	0.02	0.03			0.26	0.24		0.01		1.17			18
19	0.22					0.17	0.05		0.01					19
20	0.01					0.08			0.16					20
21	0.16	0.18	0.18	0.04		0.02	0.02		0.10					21
22	0.06	0.21	0.05				0.03		0.02		0.18			22
23	0.01			0.07		0.09	0.01			0.06	0.32			23
24			0.07	0.01		0.01	0.34							24
25	0.48		0.04					0.28			0.14	0.02		25
26	0.02	0.03								0.01	0.01	0.05		26
27	0.03	0.06	0.34			0.03	0.01			0.25	0.14			27
28		0.12	0.14	0.08		0.03	0.16			0.01	0.21			28
29				0.02			0.32	0.01		0.21				29
30		✕					0.03				0.13			30
31		✕		✕		✕	0.01		✕	0.01	✕			31
TOTAL	4.01	0.75	1.72	1.51	1.36	1.45	3.01	1.85	1.19	2.65	3.36	2.27	Year's Total 25.13	✓
* Days with .01 in. or more.	22	10	13	12	6	14	23	11	11	17	17	9	165	✓
* Days with .04 in. or more.	14	6	10	10	4	8	15	8	6	9	13	7	110	✓

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(Signed)

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3111/5/5

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940

Kept at Balby Sewage Works, Doncaster.
in the County of York (West Riding)
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 29 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1		0.06		0.01							0.19			1
2		0.02		0.31							0.16	0.06		2
3	0.02	0.14		0.04			0.01			0.09	0.03	0.13		3
4		0.15		0.12						0.05	0.38	0.09		4
5		0.01			0.12		0.23			0.08	0.15	0.16		5
6	0.10	0.14					0.03			0.90	0.01			6
7	0.02	0.19		0.05	0.03		0.26					0.07		7
8				0.05				0.02		0.13		0.20		8
9			0.31	0.01			0.01	0.01	0.02	0.03	0.72	0.01		9
10							0.58				0.07	0.02		10
11		0.04				0.01	0.79				0.49			11
12		0.01	0.19				0.03		0.08		0.06			12
13		0.02	0.23					0.01	0.01		0.01			13
14			0.01	0.04	0.20		0.24					0.35		14
15	0.02				0.05	0.27				0.20	0.11	0.01		15
16	0.10	0.05	0.05			0.01	0.23		0.05	0.87	0.48	0.01		16
17			0.45				1.16		0.01	0.01	0.78	0.01		17
18		0.18	0.01	0.78			0.19	0.30	0.07		0.01	0.12		18
19		0.15	0.04	0.20			0.16		0.17	0.10	0.13	0.03		19
20		0.01		0.20		0.02	0.11	0.09		0.03	0.06			20
21		0.01	0.05			0.28	0.01			0.13	1.03			21
22	0.01		0.01		0.02	0.20			0.06	0.02		0.01		22
23		0.09	0.01		0.04	0.08				0.02	0.07	0.05		23
24		0.01		0.01			0.01		0.01	0.11				24
25	0.10									0.08				25
26	0.04	0.01			0.04		0.01	0.02		0.02				26
27	0.42	0.10			0.01		0.12	0.03			0.01			27
28	0.39	0.45												28
29	0.01		0.10		0.01							0.25		29
30	0.15	×		0.08						0.15	[illegible]	0.26		30
31	0.14	×	0.09	×		×			×	0.94	×	0.23		31
													Year's Total	
TOTAL	1.52	1.84	1.55	1.90	0.52	0.87	4.18	0.48	0.48	3.96	4.95	2.07	24.32	
* Days with .01 in. or more.	13	20	13	13	9	7	18	7	9	19	20	19	167	
* Days with .04 in. or more.	8	12	9	10	5	4	11	2	5	13	15	12	106	

† Spare column, no entries required.

(*Signed*) T. Oscar Kirby [P.T.O.

* See Instruction 3 (f) on other side.

Section **A** for the entr

AIR MINI

FORM 1090

REC

3111/5/6

DONCASTER, SANDY LANE P. S.

1938 — 40

780507

Station No. ~~3-5-3/0~~ 3111/5/6

ALL ORGANIZATION

3 8.

Kept at Sandy Lane Se

in the County of York

Diameter of Funnel of Gauge..

Height of top of Gauge above

,, Ground ,,

THE MORNING MEAS … **US DAY**

An observer who does not confo … *e following*

year in the space on the right c

Jan. 1, following

Date	Jan.	Feb.	Mar.								v.	Dec.		Date
	in.	in.	in.									in.	†	
1	0.01	0.01			0.01	0.63	0.02	0.01			0.04	0.12		1
2	0.02				0.02				0.01	0.11	0.02	0.15		2
3	0.02					0.01	0.05		0.30	0.58	0.01			3
4	0.04			0.02		0.03	0.15			0.06	0.03	0.13		4
5							0.02	0.11		0.39				5
6	0.02	0.01					0.30		0.02	0.06				6
7	0.09						0.15	0.24	0.26	0.01		0.03		7
8	0.28						0.11	0.01		0.18		0.06		8
9	0.03	0.05				0.08	0.02					0.21		9
10	0.02					0.01	0.20		0.05			0.03		10
11	0.20						0.04				0.02	0.04		11
12	0.09	0.02			0.03			0.28		0.22				12
13		0.04							0.01	0.01	0.06	0.32		13
14	0.10	0.05			0.03		0.28		0.15					14
15	0.22						0.36	0.03			0.01	0.34		15
16	0.05						0.42	0.01			0.02	0.32		16
17					0.42		0.11	0.03	0.02	0.03				17
18	0.02	0.01			0.17				0.07	0.05	0.15	0.01		18
19					0.01			0.08				0.14		19
20	0.02										0.35	0.20		20
21												0.15		21
22						0.56					0.25	0.15		22
23				0.01	0.09	0.03			0.07	0.01	0.10			23
24			0.13		0.04		0.10	0.11	0.31		0.04	0.01		24
25	0.02	0.13								0.19	0.55	0.04		25
26		0.89	0.12						0.08	0.11	0.02	0.05		26
27					0.05	0.20	0.12	0.27	0.10	0.02	0.15			27
28	0.09				0.60	0.07	0.07	0.70	0.07			0.03		28
29				0.01	0.61	0.02			0.01	0.01	0.05	0.04		29
30		✕			0.22	0.13			0.10		0.06	0.02		30
31	0.11	✕		✕	0.22	✕		0.01	✕	0.14	✕	0.56		31
TOTAL	1.45	1.21	0.25	0.04	2.52	1.77	2.52	1.89	1.63	2.18	1.93	3.15	Year's Total 20.54	✓
* Days with .01 in. or more.	19	9	2	3	14	11	17	13	16	17	18	23	162	✓
* Days with .04 in. or more.	10	5	2	–	9	6	14	7	11	11	11	17	103	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) J. O. Kirby

Borough Surveyor & Water Engineer

[P.T.O.

Section **A** for the entr

Station No. ~~[illegible]~~ 3111/5/6

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938.

Kept at Sandy Lane Sewage Pumping Station, Doncaster.

in the County of York (West Riding).

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 24 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.01	0.01			0.01	0.63	0.02	0.01			0.04	0.12		1
2	0.02				0.02				0.01	0.11	0.02	0.15		2
3	0.02					0.01	0.05		0.30	0.58	0.01			3
4	0.04			0.02		0.03	0.15			0.06	0.03	0.13		4
5							0.02	0.11		0.39				5
6	0.02	0.01					0.30		0.02	0.06				6
7	0.09						0.15	0.24	0.26	0.01		0.03		7
8	0.28						0.11	0.01		0.18		0.06		8
9	0.03	0.05				0.08	0.02					0.21		9
10	0.02					0.01	0.20		0.05			0.03		10
11	0.20						0.04				0.02	0.04		11
12	0.09	0.02			0.03			0.28		0.22				12
13		0.04							0.01	0.01	0.06	0.32		13
14	0.10	0.05			0.03		0.28		0.15					14
15	0.22						0.36	0.03			0.01	0.34		15
16	0.05						0.42	0.01			0.02	0.32		16
17					0.42		0.11	0.03	0.02	0.03				17
18	0.02	0.01			0.17				0.07	0.05	0.15	0.01		18
19					0.01			0.08				0.14		19
20	0.02										0.35	0.20		20
21												0.15		21
22						0.56					0.25	0.15		22
23				0.01	0.09	0.03			0.07	0.01	0.10			23
24			0.13		0.04		0.10	0.11	0.31		0.04	0.01		24
25	0.02	0.13								0.19	0.55	0.04		25
26		0.89	0.12						0.08	0.11	0.02	0.05		26
27					0.05	0.20	0.12	0.27	0.10	0.02	0.15			27
28	0.09				0.60	0.07	0.07	0.70	0.07			0.03		28
29				0.01	0.61	0.02			0.01	0.01	0.05	0.04		29
30		X			0.22	0.13			0.10		0.06	0.02		30
31	0.11	X		X	0.22	X		0.01	X	0.14	X	0.56		31
TOTAL	1.45	1.21	0.25	0.04	2.52	1.77	2.52	1.89	1.63	2.18	1.93	3.15	Year's Total 20.54	✓
* Days with .01 in. or more.	19	9	2	3	14	11	17	13	16	17	18	23	162	✓
* Days with .04 in. or more.	10	5	2	-	9	6	14	7	11	11	11	17	103	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(Signed) Fo. Kirby

Borough Surveyor & Water Engineer

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3/576

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939.

Kept at Sandy Lane Sewage Pumping Station, Doncaster.

in the County of York (West Riding).

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 24 ft.

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	0.01		0.01	0.04			0.26	0.29	0.03	0.02				1
2	0.11			0.07			0.01	0.23	0.57		0.03			2
3	0.11			0.11				0.18			0.22	0.13		3
4	0.25		0.18	0.47			0.04	0.57		0.02	0.03	1.08		4
5					0.06		0.10	0.12		0.14	0.23	0.27		5
6	0.32						0.24				0.04			6
7	0.08	0.04	0.01				0.04				0.37	0.16		7
8	0.03	0.01	0.05				0.09	0.05				0.27		8
9	0.02	0.02					0.01	0.05		0.90		0.14		9
10	0.60					0.01			0.08	0.02				10
11	0.06		0.28		0.03	0.37			0.02	0.02				11
12		0.06				0.03			0.01			0.01		12
13	0.01			0.05	0.01	0.04			0.03	0.06				13
14	0.47			0.11	0.15	0.10	0.39			0.31	0.07	0.01		14
15	0.06			0.01	0.27	0.21	0.18		0.03					15
16			0.23		0.86	0.02	0.50				0.10			16
17	0.82		0.01	0.31	0.01		0.03			0.48				17
18	0.15	0.02	0.03			0.38	0.13		0.01		1.28			18
19	0.21					0.16	0.04		0.02			0.01		19
20	0.01					0.13			0.12					20
21	0.15	0.14	0.17	0.03		0.02	0.01		0.08					21
22	0.05	0.26	0.04				0.04		0.02	0.01	0.20			22
23				0.05		0.06	0.02			0.03	0.32			23
24			0.07			0.02	0.43							24
25	0.54		0.06	0.01				0.18			0.10	0.02		25
26	0.02	0.02						0.02		0.02	0.02	0.03		26
27	0.02	0.05	0.34			0.03	0.01			0.25	0.14			27
28		0.10	0.12	0.09		0.03	0.15	0.02			0.19			28
29			0.01	0.02			0.28	0.01		0.22				29
30		✕					0.06				0.14			30
31		✕		✕		✕	0.02	0.01	✕	0.02	✕			31
													Year's Total	
TOTAL	4.10	0.72	1.61	1.37	1.39	1.61	3.08	1.73	1.02	2.52	3.48	2.13	24.76	✓
* Days with .01 in. or more.	22	10	15	13	7	15	23	12	12	15	16	11	171	✓
* Days with .04 in. or more.	15	6	10	9	4	8	16	8	4	7	13	6	106	✓

† Spare column, no entries required.

(*Signed*) J. O. Kirby

* See Instruction 3 (f) on other side.

P.T.O.

COPY FOR OFFICIAL USE

Station No. 3111/5/6

Section **A** for the entry of Daily Observations

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

(Low Pa[illegible]rs)

REGISTER OF RAINFALL IN 19~~3~~ 40

Kept at Sandy Lane Sewage Pumping Station, Doncaster.

in the County of York (West Riding)

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

" Ground " Sea Level 24 ft.

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An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		0.04		0.02							0.17			1
2		0.01		0.22							0.12	0.05		2
3	0.03	0.20		0.04						0.10	0.04	0.14		3
4		0.18		0.11			0.01			0.05	0.38	0.07		4
5					0.13		0.23			0.06	0.12	0.17		5
6	0.09	0.13					0.03			0.81	0.03			6
7	0.03	0.18		0.04	0.03		0.26					0.14		7
8				0.12						0.11		0.21		8
9			0.30	0.01			0.01	0.01	0.02	0.01	0.65	0.01		9
10							0.68	0.01			0.08	0.01		10
11		0.05				0.02	0.92				0.42			11
12			0.17				0.02		0.09		0.09			12
13		0.02	0.22					0.01	0.06					13
14			0.04	0.05	0.19		0.28					0.34		14
15	0.03				0.10	0.23				0.17	0.11			15
16	0.15	0.09	0.03			0.01	0.22		0.04	0.81	0.43	0.02		16
17			0.58				1.33		0.01		0.76			17
18	0.03	0.19	0.02	0.75			0.19	0.33	0.09		0.02	0.09		18
19		0.13	0.04	0.21		0.01	0.15		0.15	0.09	0.12	0.03		19
20		0.01		0.19		0.01	0.07	0.07		0.02	0.04			20
21	0.03		0.06			0.25	0.02	0.01		0.12	1.04			21
22			0.01		0.02	0.21			0.04	0.02		0.01		22
23		0.08	0.02		0.03	0.06				0.02	0.08	0.04		23
24	0.07			0.02					0.01	0.10		0.01		24
25	0.03									0.07				25
26	0.61	0.01			0.03		0.01	0.02		0.03				26
27	0.60	0.09					0.12	0.02		0.01				27
28	0.11	0.46												28
29			0.09			0.01						0.22		29
30	0.19	✕		0.06						0.15		0.32		30
31	0.22	✕	0.08	✕		✕			✕	1.02	✕	0.21		31
													Year's Total	
TOTAL	2.22	1.87	1.66	1.84	0.53	0.81	4.35	0.48	0.51	3.77	4.70	2.09	24.83	✓
* Days with .01 in. or more.	14	16	13	13	7	9	17	8	9	19	18	18	16 1	✓
* Days with .04 in. or more.	8	12	9	10	3	4	11	2	6	12	16	12	105	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) T. Oscar Kirby

[P.T.O.

3111/8

BURBAGE. BADGER HOUSE

1933 — 40

70507

3111/8

rbage

~~2721~~

FORM 1090.

B

*** The following register of mon
&c., is NOT required if daily
values are given on the other

and also the space for

RAINFALL IN 193

egister should be sent:—
neer and Manager
ll. Sheffield

At Badger House
In the County of Derbysh

in Summer 9 a.m.

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground ft
Height of Ground above Sea Level

Direction from gauge
Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.		of … or more	or more
	Inches	Inches	Date.	*	*
JAN.	2·64				
FEB.	6·00				
MAR.	3·13				
APRIL	1·31				
MAY	2·04				
JUNE	2·23				
JULY	3·26				
AUG.	·63				
SEPT.	1·83				
OCT.	6·40				
NOV.	2·41				
DEC.	·81				
Total	32·69				

Directions from gauge ..

Bgore

Signature John N Swales

*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move……… Distance……… Direction………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

rbage 3111/8 ~~27[illegible]~~

RM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Badger House

In the County of Derbyshire

Rain Gauge
- Diameter of Funnel As Before in.
- *Height of Top above Ground ....ft. ....in.*
- *Height of Ground above Sea Level ....ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·64				
FEB.	6·00				
MAR.	3·13				
APRIL	1·31				
MAY	2·04				
JUNE	2·23				
JULY	3·26				
AUG.	·63				
SEPT.	1·83				
OCT.	6·40				
NOV.	2·41				
DEC.	·81				
Total	32·69				

Signature John K. Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J K Swales: M Inst CE: Engineer and Manager
Water Dept Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

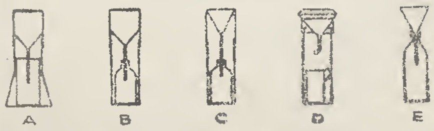
Nature of objects nearest to gauge				
Heights of objects		As Before		
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Badger House

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·65				
FEB.	·38				
MAR.	3·26				
APRIL	3·19				
MAY	1·66				
JUNE	1·49				
JULY	2·88				
AUG.	2·00				
SEPT.	2·38				
OCT.	3·88				
NOV.	2·76				
DEC.	6·87				
Total	34·40				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Burbage
No 7
3/1/8

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J.K. Swales Esq M Inst CE Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9am in Summer 9am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ..				
Directions from gauge ..				

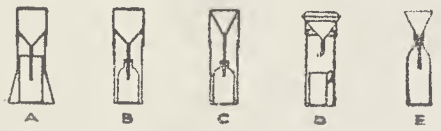
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\ \cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Burbage

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Badger House

In the County of Yorkshire

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground ...... *ft.* ...... *in.*
Height of Ground above Sea Level ...... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	2·41				
FEB.	5·34				
MAR.	1·70				
APRIL	3·40				
MAY	·47				
JUNE	3·54				
JULY	1·20				
AUG.	1·97				
SEPT.	5·20				
OCT.	7·60				
NOV.	6·86				
DEC.	5·06				
Total	44·75				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station. — NO 7 3111/8

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq M. Inst CE Manager & Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

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(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

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BURBAGE

3111/8

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936

At ..Badger House..

In the County of ....Yorkshire..

Rain Gauge
- Diameter of Funnel..........in.
- *Height of Top above Ground*.........*ft*.........*in.*
- *Height of Ground above Sea Level*..........*ft.*

As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3.87				
FEB.	3.18				
MAR.	3.06				
APRIL	2.27				
MAY	1.53				
JUNE	4.27				
JULY	4.66				
AUG.	1.73				
SEPT.	3.82				
OCT.	4.66				
NOV.	4.17				
DEC.	3.54				
TOTAL	40.76 ✓				

Signature ....John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter....9 a.m.....in Summer 9 a.m..

Nearest Railway Station.................. Distance.................. Direction from gauge..........

Nearest Parish Church at.................. Distance.................. Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.................................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

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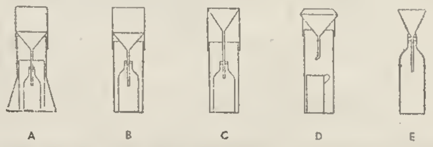

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....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
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(c) When was the measurement made?

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(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3111/8

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Burbage (Badger Ho.)

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1138 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.57				
FEB.	6.57				
MAR.	3.73				
APRIL	2.63				
MAY	3.77				
JUNE	1.49				
JULY	3.39				
AUG.	1.73				
SEPT.	1.50				
OCT.	3.78				
NOV.	2.53				
DEC.	3.83				
TOTAL	40.52				

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C. E.
General Manager and Engineer
Water Dept. Town Hall
Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

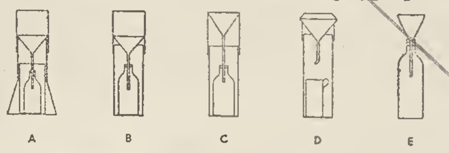
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3111/8

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1938.

At Burbage, Badger House

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1139 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·23 ✓				
FEB.	1·55 ✓				
MAR.	·82 ✓				
APRIL	·40 ✓				
MAY	2·83 ✓				
JUNE	2·80 ✓				
JULY	4·03 ✓				
AUG.	1·92 ✓				
SEPT.	2·89 ✓				
OCT.	5·82 ✓				
NOV.	5·46 ✓				
DEC.	4·50 ✓				
TOTAL	37·25 ✓				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 a.m.

Nearest Railway Station.................... Distance.............. Direction from gauge..........

Nearest Parish Church at.................... Distance.............. Direction from gauge..........

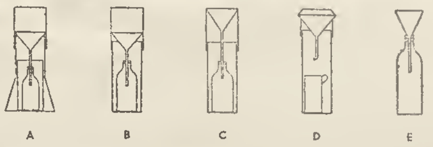
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move.................... Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005 ; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3111/8

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Burbage, Badger House

In the County of W R Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1138 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·17	✓			
FEB.	2·29	✓			
MAR.	3·15	✓			
APRIL	2·56	✓			
MAY	2·23	✓			
JUNE	2·83	✓			
JULY	6·05	✓			
AUG.	3·21				
SEPT.	2·32	✓			
OCT.	5·26	✓			
NOV.	5·54	✓			
DEC.	1·98	✓			
TOTAL	44·59				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

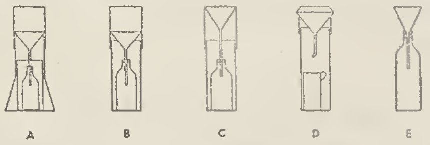
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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S.O. Code No. 40-9999

FORM 1090.

3111/8

B Monthly Summary.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Burbage, Badger House

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1138 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3.36)				
FEB.	(3.07)				
MAR.	2.59				
APRIL	2.81				
MAY	1.15				
JUNE	.98				
JULY	2.90				
AUG.	.79				
SEPT.	2.00				
OCT.	4.77				
NOV.	8.54				
DEC.	3.70				
TOTAL	36·66				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

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Sheffield Corpn Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

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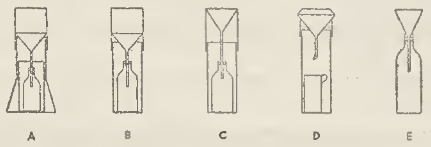

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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Jan. Feb. estd.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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Section **A** for the entry

AIR MINIST

FORM 1095.

REGIS

Kept at Redmires (, C

in the County of Yorks

Diameter of Funnel of Gauge 4 s

Height of top of Gauge above Grou

,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform t
year in the space on the right of

ield. 3112

R OFFICIAL USE.

NIZATION.

Jan. 1, following

3112 — 082512

SHEFFIELD W.W. – REDMIRES RES.

1931 – 1940

780507

Date	Jan.	Feb.	March									Dec.	Date
	in.	in.	in.									in.	
1	·015	–	·050									–	1
2	–	·090	–									·130	2
3	–	–	–									·200	3
4	–	·110	–									·335	4
5	–	·050	–									·325	5
6	–	·240	·020									–	6
7	–	–	·040									·035	7
8	·040	·335	·040									·015	8
9	–	·510	·020									·030	9
10	·025	·235	·140									–	10
11	·370	·400	–									·005	11
12	·050	·510	–									–	12
13	–	–	–									–	13
14	·015	·040	·030									·005	14
15	·260	·270	–	·040	·020	–	·130	·050	·025	–	·015	·120	15
16	·810	·240	–	·530	·175	·820	·045	·640	·195	·005	–	–	16
17	·020	·320	–	·580	·230	·050	·500	·345	–	·010	·040	–	17
18	·315	–	·010	·520	·005	·330	·370	·080	·005	·025	·650	–	18
19	·090	·100	·005	·180	–	·110	·175	·195	·120	·005	–	–	19
20	·025	·110	·005	·160	·005	–	–	·435	–	–	·025	·005	20
21	·250	·090	–	–	·495	·015	–	·095	–	–	·145	–	21
22	·080	·090	–	–	·095	·025	–	–	·005	–	·020	–	22
23	·535	·010	·005	·365	·415	·155	·185	–	·020	·005	·230	·055	23
24	·350	·370	–	·380	·650	–	·100	·005	·005	·065	·020	·125	24
25	·130	·650	–	·460	–	–	·205	–	–	–	·040	·090	25
26	·075	·040	–	·330	·005	–	·100	–	–	–	·310	·015	26
27	·490	·180	–	·010	·070	–	·205	–	–	·200	·445	·400	27
28	·415	·580	–	·095	·495	·005	·075	–	·010	–	·005	·120	28
29	·330		·005	–	·185	–	·290	–	–	·425	·015	·020	29
30	·010	×	–	·040	–	·005	–	–	·025	–	–	–	30
31	·230	×	–	×	–	×	·010	·005	×	·005	×	·020	31
TOTAL	4·930	5·630	·370	5·295	3·275	5·075	5·650	6·750	4·745	1·340	4·990	2·050	YEAR'S TOTAL 50·100
*Days with ·01 in. or more.	23	23	8	20	16	17	24	16	17	11	23	16	214
*Days with ·04 in. or more.	17	22	4	18	13	14	18	15	12	7	18	10	168

40-9999

(Signed) John N Swales

P.T.O.

*See Instruction 2 (*f*) on other side.

Section **A** for the entry [redacted] ield. 3112 R OFFICIAL USE.

AIR MINIST ~~METEOROLOGICAL OFFICE.—BRITISH RAINFALL~~ ORGANIZATION.

FORM 1093.

REGISTER OF RAINFALL IN 1931.

Kept at Redmires (Crosley) No 1.
in the County of Yorkshire
Diameter of Funnel of Gauge As Before in.
Height of top of Gauge above Ground ft. in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·015	—	·050	·045	·050	·005	—	·010	·050	·005	—	—	1
2	—	·090	—	·585	—	·375	·010	—	·515	—	·070	·130	2
3	—	—	—	·065	—	·080	·115	—	1·570	—	·690	·200	3
4	—	·110	—	·615	·270	—	·300	·790	1·680	·025	·160	·335	4
5	—	·050	—	—	—	1·085	·035	·310	·050	—	—	·325	5
6	—	·240	·020	·005	—	·190	·820	—	·110	·210	·090	—	6
7	—	—	·040	—	—	·375	—	1·200	—	·215	·260	·035	7
8	·040	·335	·040	·040	·040	·040	·095	·905	—	·070	·270	·015	8
9	—	·510	·020	·240	·010	·450	·020	·140	·050	·010	·360	·030	9
10	·025	·235	·140	—	·040	·045	·005	·110	·070	—	·285	—	10
11	·370	·460	—	—	—	—	·020	—	·090	—	·045	·005	11
12	·050	·510	—	—	—	—	1·260	—	·140	·055	·255	—	12
13	—	—	—	·010	—	·025	·020	·170	·010	·005	—	—	13
14	·015	·040	·030	—	·020	·890	·560	1·265	—	—	·545	·005	14
15	·260	·270	—	·040	·020	—	·130	·050	·025	—	·015	·120	15
16	·810	·240	—	·530	·175	·820	·045	·640	·195	·005	—	—	16
17	·020	·320	—	·580	·230	·050	·500	·345	—	·010	·040	—	17
18	·315	—	·010	·520	·005	·330	·370	·080	·005	·025	·650	—	18
19	·090	·100	·005	·180	—	·110	·175	·195	·120	·005	—	—	19
20	·025	·110	·005	·160	·005	—	—	·435	—	—	·025	·005	20
21	·250	·090	—	—	·495	·015	—	·095	—	—	·145	—	21
22	·080	·090	—	—	·095	·025	—	—	·005	—	·020	—	22
23	·535	·010	·005	·365	·415	·155	·185	—	·020	·005	·230	·055	23
24	·350	·370	—	·380	·650	—	·100	·005	·005	·065	·020	·125	24
25	·130	·650	—	·460	—	—	·205	—	—	—	·040	·090	25
26	·075	·040	—	·330	·005	—	·100	—	—	—	·310	·015	26
27	·490	·180	—	·010	·070	—	·205	—	—	·200	·445	·400	27
28	·415	·580	—	·095	·495	·005	·075	—	·010	—	·005	·120	28
29	·330		·005	—	·185	—	·290	—	—	·425	·015	·020	29
30	·010	×	—	·040	—	·005	—	—	·025	—	—	—	30
31	·230	×	—	×	—	×	·010	·005	×	·005	×	·020	31
TOTAL	4·930	5·630	·370	5·295	3·275	5·075	5·650	6·750	4·745	1·340	4·990	2·050	YEAR'S TOTAL 50·100
*Days with ·01 in. or more.	23	23	8	20	16	17	24	16	17	11	23	16	214
*Days with ·04 in. or more.	17	22	4	18	13	14	18	15	12	7	18	10	168

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) John N. Swales

[P.T.O.

Sheffield 3112

COPY FOR OFFICIAL USE.

Section A for the entry of Daily Observations.

Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

Form 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Redmires (Crosley)

in the County of Yorkshire

Diameter of Funnel of Gauge ......in. As Before
Height of top of Gauge above Ground ......ft. ......in.
,, Ground ,, Sea Level ......ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·745	·010	–	·210	·485	·015	·075	·060	·355	·310	·085	·045	1
2	·370	–	–	–	·340	–	–	·045	·480	·170	·105	·235	2
3	·115	–	–	·480	·020	–	·250	–	·045	–	–	·385	3
4	·035	·015	–	·075	–	–	–	–	–	–	·220	–	4
5	·490	·010	·120	·180	·015	–	–	·005	·045	–	–	–	5
6	·860	–	·100	·850	–	–	·120	–	·070	–	–	–	6
7	·090	–	·720	·350	–	–	–	–	·260	·100	·050	–	7
8	–	·015	–	·100	·010	–	–	–	·110	·365	·005	–	8
9	·185	·180	–	·160	·005	–	–	–	–	–	·010	·030	9
10	·445	·130	–	·100	·010	–	–	–	·375	·190	–	·185	10
11	·230	·060	·090	·080	·370	·095	·020	–	·025	·080	·055	–	11
12	·245	–	–	–	·070	·645	·385	–	·005	·140	·095	·005	12
13	·045	·170	–	·120	·085	–	2·190	·025	·245	·650	·145	·120	13
14	·140	–	–	·075	–	–	·620	·220	·005	·040	·310	·010	14
15	–	–	–	·030	·205	–	–	–	–	·085	·010	·045	15
16	·270	–	–	·310	·020	–	·005	–	–	·105	·010	–	16
17	–	–	–	·010	–	–	·105	–	·025	·520	·020	–	17
18	–	–	–	–	·030	–	–	–	·050	·010	·020	–	18
19	–	–	·035	·125	–	–	–	·015	–	·260	·020	–	19
20	–	–	–	·095	·360	–	·015	·925	–	·210	·040	–	20
21	–	–	·235	·145	2·200	–	–	1·190	–	·500	·090	·085	21
22	–	–	·280	·090	·860	–	·025	–	·300	·050	·820	·015	22
23	–	·020	·005	·130	·060	–	·090	–	–	·245	·405	·040	23
24	·020	–	–	·015	·010	·010	·145	·005	·090	–	·290	·035	24
25	·005	·045	–	·020	·025	·030	·025	–	·015	·630	·110	–	25
26	–	·020	–	·185	·360	–	·105	–	·090	·190	·335	–	26
27	–	–	·370	·140	·275	·040	·040	–	–	·010	·250	·005	27
28	·015	–	·180	·285	·145	–	·295	·090	–	–	–	·055	28
29	·005	–	·275	·200	·215	·015	·080	·040	·295	·860	·080	·200	29
30	–	X	·080	·020	·060	·520	·010	·030	·090	·095	·350	·125	30
31	·015	X	·095	X	·020	X	·290	–	X	–	X	·090	31
TOTAL	4·325	·675	2·585	4·58	6·255	1·370	4·89	2·65	2·975	5·815	3·930	1·710	YEAR'S TOTAL 41·760
*Days with ·01 in. or more.	17	11·	12·	27·	24	8·	19·	10·	18·	23·	24·	16·	209
*Days with .04 in. or more.	13	5·	11·	22·	15·	4·	14,	7·	15	21·	18·	12·	157

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*See Instruction 2 (*f*) on other side,

(*Signed*)

P.T.O.

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE. Sheffield.

Station No. 3112

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

Kept at Redmires Reservoirs (Crosley)

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·250	·420	·070	–	·010	–	–	—	·015	·035	·235	–		1
2	·385	–	·410	·030	–	–	–	–	–	·010	·105	–		2
3	–	·340	·170	–	·340	–	–	–	–	–	·115	·005		3
4	·165	·070	·090	–	·200	–	–	–	–	–	–	–		4
5	·160	·250	·240	–	·165	–	–	–	–	–	·015	–		5
6	·015	·150	·015	–	·420	–	·005	–	–	–	–	·090		6
7	·270	·120	·025	–	·130	–	·190	–	–	·750	–	·050		7
8	·210	·095	·145	·005	·010	–	·620	–	–	–	·005	·040		8
9	–	·290	–	·195	·045	–	·470	–	–	·780	·060	·010		9
10	·045	·280	–	–	·005	·075	·035	–	–	2·080	·065	–		10
11	·005	–	–	–	·015	–	·100	–	–	·390	–	–		11
12	·015	–	–	–	–	·085	·095	–	–	·010	–	·100		12
13	–	–	·015	–	·415	·075	·145	–	·030	·025	·075	–		13
14	·125	–	·010	–	·215	–	·015	·020	–	·040	·400	·010		14
15	·890	–	·025	–	–	·005	·010	·090	–	·345	1·110	·200		15
16	·330	–	·320	·170	·025	·170	·920	·015	–	·365	·025	·010		16
17	·100	–	·750	–	·005	·600	–	·030	·080	–	·195	–		17
18	·005	·090	·120	·005	–	·775	·010	–	–	–	·105	–		18
19	–	·010	·645	·030	–	·025	–	–	·130	–	·025	·010		19
20	–	·020	–	–	·020	–	–	·095	·005	–	·030	–		20
21	–	–	–	–	·005	·055	–	·175	·115	·050	·025	–		21
22	–	–	–	–	–	·015	–	·200	–	·360	–	–		22
23	–	·020	–	·180	–	–	–	·005	·230	·060	–	–		23
24	–	·750	–	·180	·085	·480	–	–	·675	·035	·020	·010		24
25	–	1·920	–	·195	–	·025	–	–	·115	–	·010	·075		25
26	–	1·220	–	·175	–	–	–	–	·035	·210	·100	·010		26
27	–	·060	–	·010	·080	–	–	–	·080	·110	–	–		27
28	–	–	–	·065	–	–	·045	–	·030	·130	–	·010		28
29	·015		–	·180	–	–	·035	–	–	·060	–	·010		29
30	·065	X	·105	·005	–	–	·080	–	·005	·180	–	·210		30
31	·235	X	·020	X	–	X	·345	–	X	·130	X	–		31
TOTAL	3·215	6·105	3·175	1·425	2·190	2·385	3·120	·630	1·545	6·155	2·720	·850	Year's Total 33·515	
*Days with ·01 in. or more.	16·	17·	17·	11·	15·	11·	15·	7·	11·	21·	18·	15·	174	
*Days with .04 in. or more.	13	14·	11·	8·	10·	8·	10·	4·	7·	16·	11·	7·	119·	

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*See Instruction 2 (*f*) on other side.

D

† Spare column, no entries required.

(*Signed*) John V Swales

[P.T.O.

COPY FOR OFFICIAL USE.

Sheffield Gauges

Section **A** for the entry of Daily Observations.

Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934.

3112

Kept at Redmires (Crosky)

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.130	-	-	.015	-	-	-	.165	.010	.085	-	.245		1
2	.010	-	.090	-	.010	-	-	.260	.235	-	.095	.305		2
3	.040	.065	-	-	-	-	-	.005	-	.135	.025	.005		3
4	.060	-	.470	.265	.015	-	-	-	.085	.655	-	1.270		4
5	-	-	.150	.040	.140	-	-	.490	-	.115	.140	.075		5
6	-	-	.130	-	.390	.005	-	.195	-	.335	-	.595		6
7	.150	.030	.075	-	.015	.010	-	-	-	.110	.040	.285		7
8	-	-	.020	-	.090	.245	-	.040	.020	.115	.590	.050		8
9	-	.005	.330	.065	-	-	-	.075	-	.010	1.010	.155		9
10	.005	.005	.540	.405	-	-	-	.115	-	.320	.105	.010		10
11	.515	-	.280	.390	-	-	-	.045	-	.015	.015	.395		11
12	-	-	.235	.060	-	-	.545	.040	-	.015	-	.055		12
13	.570	-	.010	.040	.060	-	.070	.030	.005	.315	.010	.025		13
14	.345	-	.340	-	.060	.065	-	-	-	.560	.225	.365		14
15	.475	.005	.285	-	.315	-	-	.010	.130	.045	.150	.075		15
16	.350	-	.155	-	.190	-	-	.005	-	.005	.075	.060		16
17	.365	.005	.150	-	.130	-	.190	-	.245	.030	.020	.175		17
18	.185	-	.480	.170	.020	.010	-	.015	-	.005	-	.065		18
19	-	-	.300	.125	.070	.195	-	-	.110	.040	.005	.015		19
20	-	-	.010	.035	.115	-	-	.015	.050	.020	-	.005		20
21	.010	-	.005	-	.050	.425	-	.010	.040	.085	-	-		21
22	.010	-	.010	-	.040	-	-	.105	.445	.060	-	.030		22
23	-	-	.060	.410	.005	.010	.365	.005	.010	.025	.125	.175		23
24	-	.105	.120	.220	-	.120	.050	-	.095	.055	-	.040		24
25	.070	.005	-	.060	.130	-	.330	-	.100	.300	-	.620		25
26	.270	-	.005	.260	-	.020	.245	-	.190	.015	.115	.035		26
27	.020	.360	-	.560	-	.190	.365	-	.060	.295	.015	.320		27
28	-	-	-	.225	-	.090	.235	.120	-	.270	-	.440		28
29	-		.020	.020	-	-	.005	.020	.445	.030	-	.155		29
30	.055	×	-	-	.005	-	.130	-	.010	.190		.120		30
31	.010	×	-	×	-	×	.025	.050	×	.070	×	.025		31
TOTAL	3.645	.585	4.27	3.365	1.850	1.385	2.555	1.815	2.285	4.325	2.760	6.24	Year's Total. 35.68	
* Days with .01 in. or more.	19	4	22	18	17	11	11	18	17	28	16	28	209	
* Days with .04 in. or more.	14	3	17	15	13	7	10	12	13	20	11	22	157	

40-9999

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE. Sheffield

Section **A** for the entry of Daily Observations. Station No. 7 312

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Redmires Reservoirs (Crosley) 10"

in the County of Yorkshire

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground.....ft.......in.

,, Ground ,, Sea Level ....ft.

as Before

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·280	·310	·040	·085	–	–	·025	–	·120	·190	·115	·650		1
2	–	·185	·265	·010	–	·285	–	–	–	·405	·045	·380		2
3	·045	·530	·095	·090	–	·115	·260	·010	–	·015	·280	·100		3
4	–	·010	·095	·030	–	·085	·070	–	·050	1·080	–	·015		4
5	–	·250	·095	·275	–	·215	·030	–	·025	·060	·070	·020		5
6	·040	·015	–	·160	–	·295	–	–	–	–	–	–		6
7	·060	–	–	·120	–	·300	–	–	·005	·250	·410	·255		7
8	–	–	·035	·130	·010	·270	–	·040	–	·015	·050	·390		8
9	–	·005	·020	·200	·005	·195	–	–	–	·970	·235	·030		9
10	–	·055	·010	·445	–	·020	–	–	–	·230	·175	·005		10
11	·670	·025	·010	–	–	·065	·005	·010	–	·015	·160	·195		11
12	–	·080	–	–	–	·130	–	–	·120	–	·005	–		12
13	·080	·175	–	·095	·225	·015	–	–	·030	·115	·015	–		13
14	·005	–	–	·015	·085	·035	–	·010	·435	–	·630	·150		14
15	·005	1·780	–	·550	·070	·130	·050	–	·150	·035	·140	·300		15
16	–	·730	·215	·190	·005	·295	·065	–	·665	·035	·800	–		16
17	–	·110	–	·295	–	·360	·055	–	·500	·035	·890	–		17
18	·065	·010	–	·235	·040	·160	·200	·165	·335	·285	·160	–		18
19	·030	·020	–	·345	·005	·340	·116	–	–	·240	·480	·005		19
20	·010	·245	–	·405	–	·185	·045	–	–	–	1·040	–		20
21	–	·780	–	·090	–	–	–	–	·590	·070	·335	·230		21
22	–	·120	·055	–	–	–	–	–	·030	·010	·085	–		22
23	–	–	·745	·010	–	–	–	·800	·070	·295	·005	–		23
24	·790	·860	·005	–	–	–	–	–	1·260	–	·005	·680		24
25	·210	·140	·095	–	–	·150	–	–	–	–	·015	·110		25
26	·030	·030	–	–	–	–	·050	·790	·400	·655	·310	·310		26
27	–	·180	–	–	·025	·005	·270	–	·450	·870	·235	·420		27
28	·020	–	–	–	–	–	–	·080	·095	·355	·070	·165		28
29	·015		·100	–	–	–	–	–	·190	·475	·030	·205		29
30	·030	✕	–	·010	–	·010	·005	·120	·100	·540	·680	·115		30
31	·105	✕	–	✕	–	✕	–	·015	✕	·540	✕	·290		31
TOTAL	2·490 ✓	6·615 ✓	1·88 ✓	3·785 ✓	·470 ✓	3·66 ✓	1·245 ✓	2·04 ✓	5·62 ✓	7·785 ✓	7·47 ✓	5·02 ✓	Year's Total 48·11 ✓	
* Days with .01 in. or more.	16· ✓	22 ✓	14· ✓	21· ✓	6· ✓	21· ✓	12· ✓	10· ✓	19· ✓	25· ✓	25· ✓	20· ✓	211 ✓	
* Days with .04 in. or more.	10· ✓	16· ✓	10· ✓	16· ✓	4· ✓	17· ✓	10· ✓	6· ✓	16· ✓	18· ✓	22· ✓	17· ✓	162· ✓	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John N [illegible]

[P.T.O.

SHEFFIELD

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. G 3112

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Redmires Reservoirs (Crosley).

in the County of Yorkshire.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.......ft.........in. As before.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.010	-	.200	.880	-	.030	.055	.300	.005	-	.145	.210		1
2	.020	.100	.160	.135	-	1.220	.250	.070	.010	-	.035	.250		2
3	.020	.020	.095	-	-	.250	-	.100	.470	-	-	.265		3
4	.060	.170	.105	.010	.010	.085	-	.015	.095	-	.425	.195		4
5	.115	.060	.255	-	.040	-	.005	.140	.225	.005	.005	.630		5
6	.030	-	.005	-	.025	.015	.135	.215	.465	-	.245	-		6
7	.175	-	.050	-	.020	-	.275	.005	1.075	-	.115	.080		7
8	.205	-	.050	-	-	-	-	-	.075	-	.240	.045		8
9	.315	.040	.140	-	.015	.030	.365	-	-	.145	.275	-		9
10	.065	-	.010	.015	-	-	.515	-	.040	.005	.140	-		10
11	.005	-	.020	.060	.005	.020	.205	-	.090	-	.850	-		11
12	-	-	-	.290	.125	1.270	.450	.005	.505	.020	.325	.020		12
13	-	-	-	.055	-	.155	.260	-	-	.155	.015	.520		13
14	-	-	-	.115	-	.130	.020	.015	.190	.040	.260	.405		14
15	.300	-	.015	.095	.055	.035	.045	.035	.110	.015	.570	.145		15
16	.210	.130	.005	.060	-	-	.015	.005	-	.090	.590	.005		16
17	.100	.710	-	-	.130	-	.175	.015	-	.380	.155	.190		17
18	-	.040	-	.070	-	.060	.255	.030	-	.450	.005	-		18
19	.950	.330	.015	.210	-	.195	.040	.640	-	.170	-	-		19
20	.190	.230	.010	-	-	-	.060	.015	.045	.035	.005	.020		20
21	.120	-	.065	.180	-	.075	-	-	-	.030	-	-		21
22	.170	.440	.170	.010	.085	.130	.200	.005	-	-	-	.020		22
23	-	.010	.370	.085	.280	-	.530	-	-	.050	-	-		23
24	.310	.130	.005	.075	.205	-	-	-	.185	.560	.010	.045		24
25	.125	-	.115	.075	-	.005	.070	-	.520	.450	-	-		25
26	.030	.135	.860	-	.010	-	-	.010	.065	.870	.005	-		26
27	.400	.005	.055	-	-	-	-	.005	.150	.810	-	-		27
28	.335	.910	.120	-	-	.010	.220	-	.015	-	.040	.135		28
29	.140	.640	.380	-	.005	.600	-	-	.005	.090	.110	.130		29
30	.120	✕	.020	-	1.015	.015	.150	.030	-	.610	.160	.020		30
31	.010	✕	.045	✕	-	✕	.035	-	✕	.025	✕	.215		31
TOTAL	4.530	4.100	3.340	2.420	2.025	4.330	4.330	1.655	4.340	5.005	4.725	3.545	Year's Total 44.345	
* Days with .01 in. or more.	25	16	23	17	13	18	22	14	18	19	19	19	223	
* Days with .04 in. or more.	19	14	17	14	8	11	19	6	16	14	16	15	169	

40-9999.

† Spare column, no entries required.

* See Instruction 2 (f) on other side.

(*Signed*) John N Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3112

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

T. L.

Kept at Sheffield W.W. (Redmires R.) (Crosley)
in the County of Yorks.
Diameter of Funnel of Gauge 10 in.
Height of top of Gauge above Ground 5 ft. 0 in.
,, Ground ,, Sea Level 1110 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·150	·090	·080	–	–	–	·040	–	·105	–	·055	·505		1
2	·290	·260	·050	·315	–	–	–	–	·005	–	–	1·845		2
3	–	·060	·015	·080	·055	·170	·005	–	–	–	·005	·100		3
4	·350	·080	·140	·055	·055	–	·010	–	–	·005	·005	·350		4
5	·865	·010	·140	·005	·040	–	–	–	·005	–	–	–		5
6	·215	–	·150	·065	·080	–	·575	–	–	·005	·155	·210		6
7	·115	·750	–	·360	·135	·200	–	–	–	–	·035	·010		7
8	–	·430	–	·050	·010	·005	·005	·005	·010	–	·150	·080		8
9	·005	·540	–	·040	·440	–	·760	·115	–	–	–	·010		9
10	·050	·260	·080	–	·005	·075	·030	–	·005	·010	·025	·400		10
11	–	–	1·460	–	1·155	–	·020	–	·020	·005	–	·100		11
12	·290	·300	·120	–	·410	·135	·020	·025	·230	–	–	·260		12
13	–	·045	·010	·010	·030	·190	–	·580	·180	–	–	·210		13
14	–	·070	·410	·030	–	·020	–	·125	·090	–	–	·100		14
15	·220	·235	–	·380	–	–	1·300	–	·060	–	–	–		15
16	·090	·610	·450	·295	·030	·050	–	·175	·340	–	–	·010		16
17	·270	·020	·290	·185	–	·025	–	·020	·570	–	·005	–		17
18	1·140	·280	·275	·025	–	·005	·035	·050	·020	–	·635	–		18
19	·010	·510	·015	·040	–	·135	·145	·015	–	–	·350	–		19
20	·210	·280	·070	·180	·725	·100	–	–	–	·005	–	·005		20
21	·095	·180	·015	·090	–	–	·365	·005	·010	·005	–	·065		21
22	·045	–	·030	·050	·065	–	·180	–	·005	·185	·460	·060		22
23	·430	–	·020	–	·035	–	·160	–	–	1·320	·580	·005		23
24	·390	·630	·250	–	·100	–	·040	–	·020	·500	–	·020		24
25	·120	·575	·080	–	–	–	–	–	·015	·550	–	·020		25
26	–	·285	·080	–	·500	–	–	·005	–	–	–	·020		26
27	–	·470	·030	·285	–	–	–	–	–	·950	·005	·015		27
28	·050	·610	·020	–	–	·040	–	–	·005	·050	–	·025		28
29	·080		·010	–	–	–	–	–	–	·050	·080	·025		29
30	·680	✕	–	–	–	·305	–	·225	·005	·090	·230	·060		30
31	·430	✕	–	✕	–	✕	–	–	✕	·265	✕	·025		31
TOTAL	6·590	7·580	4·290	2·540	3·870	1·455	3·690	1·345	1·700	3·995	2·775	4·535	Year's Total 44·365	
* Days with .01 in. or more.	23	24	25	19	16	12	14	9	13	10	11	24	199	
* Days with .04 in. or more.	22	22	16	15	12	10	9	6	7	9	9	14	151	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) ……

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3112

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Sheffield W.W., Redmires Res.

in the County of W.R. Yorks

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 5 ft. 0 in.

,, Ground ,, Sea Level 1110 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.065	.085	.010	-	-	.890	.130	-	-	-	.020	.380		1
2	.065	.095	-	.335	.085	.340	.005	.010	-	.400	.100	.100		2
3	.040	-	-	-	-	.020	.130	-	.235	1.595	.120	.010		3
4	.060	-	-	-	-	.065	.230	-	-	.390	.630	.410		4
5	.005	-	-	.025	-	.015	.040	.085	.020	.620	.030	.080		5
6	.045	.010	.005	-	-	.030	.450	.720	.020	.340	·	·		6
7	.270	-	-	-	-	-	.190	.010	.480	.320	·	.050		7
8	.510	.010	-	-	-	-	.630	.020	-	.680	·	.135		8
9	.015	.470	.040	-	-	.245	.090	.070	-	.010	·	.480		9
10	.020	.115	.005	-	-	.180	.655	-	-	-	.010	.155		10
11	.400	.100	-	-	-	-	.090	.040	.005	.010	.065	.080		11
12	.145	-	-	-	.130	-	.020	.055	-	.725	.225	·		12
13	.060	.030	-	-	.005	-	-	-	.030	.250	.175	.420		13
14	.380	.030	-	-	.025	-	.200	-	.310	.010	.015	.080		14
15	.850	.020	-	-	-	-	.455	.020	-	.080	.020	.370		15
16	.235	-	.095	-	.010	-	.315	.100	-	.040	.210	.390		16
17	.010	-	.030	-	.235	-	.130	.070	.070	.055	.020	.100		17
18	.050	.025	-	-	.325	.020	-	.060	.540	.050	.370	·		18
19	.010	.015	-	-	.010	.035	-	.225	.020	-	.005	.130		19
20	.050	-	-	-	.005	-	-	.025	.040	-	.465	.160		20
21	.005	-	.030	-	-	.040	-	.010	.010	-	.005	.260		21
22	.020	-	-	.010	-	.200	-	.015	-	.005	.375	.360		22
23	-	-	-	-	.050	.090	-	-	.160	.005	.900	·		23
24	-	-	.215	-	.040	.030	.015	.075	.295	-	.080	-		24
25	.200	.175	.075	-	-	.010	.010	.120	-	.100	.730	.110		25
26	.090	.540	.125	-	.005	.010	-	-	.140	.240	.170	.110		26
27	.165	.240	.005	-	.030	.425	.170	.285	.030	.010	.465	·		27
28	.705	.145	.070	-	.600	.260	.150	.295	.100	-	-	.090		28
29	.120		.470	.075	.860	.025	.130	-	.020	.050	.135	.240		29
30	.195	✕	-	-	.240	.155	-	-	.640	-	.170	.020		30
31	.125	✕	-	✕	.440	✕	-	-	✕	.430	✕	.700		31
													Year's Total	
TOTAL	4.910	2.105	1.175	.445	3.095	3.085	4.235	2.310	3.165	6.415	5.510	5.420	41.870	
* Days with .01 in. or more.	27	16	10	4	14	20	20	20	18	21	23	25	218	
* Days with .04 in. or more.	22	9	7	2	10	11	17	13	11	17	17	23	150	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)

[P.T.O.

COPY FOR OFFICIAL USE

Section A for the entry of Daily Observations

Station No. 3112

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Sheffield W.W., Redmires Res.

in the County of W. R. Yorks

Diameter of Funnel of Gauge 10 in.

Height of top of Gauge above Ground 5 ft. 0 in.

,, Ground ,, Sea Level 1110 ft.

T.L.

TRAVELLING FORM.
VALU... MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·030	-	·080	·120	·	-	·005	·240	·025	·085	·010	·120		1
2	·080	-	·020	·210	·	-	·155	·170	1·150	·045	·090	·060		2
3	·230	-	-	·340	-	-	-	·545	-	·020	·290	·150		3
4	·420	-	·235	·640	-	·	·090	·200	-	·060	·155	·690		4
5	·010	-	-	·060	·170	-	·165	·345	-	·725	·295	·130		5
6	·500	-	·015	-	·	-	·680	·005	-	·075	·235	·		6
7	·290	·190	·145	-	·	-	·015	-	-	·015	·230	·265		7
8	·200	·230	·440	·005	·	-	·300	·015	-	·025	·305	·450		8
9	·155	·575	-	-	·	-	·010	·170	-	·720	-	·370		9
10	·750	-	·005	·005	-	·015	-	·035	·140	·075	-	·		10
11	·290	·030	·140	-	·020	·280	-	·055	·015	·055	·010	·040		11
12	·290	·300	-	·	·020	·125	-	-	-	·010	·	·010		12
13	·040	-	-	·085	·060	·170	·030	-	-	·020	·035	-		13
14	·790	·	·040	·155	·225	·125	·580	-	-	·375	·110	·		14
15	·105	·020	·010	·200	·275	·460	·310	-	·020	·010	·100	·		15
16	·045	-	·100	·010	·795	-	·630	-	-	-	·160	·		16
17	·900	·100	·030	·355	·095	·010	·030	-	-	1·700	·040	·		17
18	·710	·170	·030	·	-	·180	·115	-	·020	·015	1·270	·		18
19	·255	·	-	-	-	·140	·920	·015	·120	·015	-	·025		19
20	·100	·	·010	-	-	·270	·545	·840	·320	-	-	·		20
21	·130	·180	·450	·110	·120	·385	·010	·105	·270	-	·	·		21
22	·210	·660	·170	·005	·	-	·110	-	·135	·030	·220	·010		22
23	·055	·070	·080	·365	-	·015	·085	·005	-	·175	·400	·		23
24	·020	·010	·010	·160	·	·060	·040	·010	-	-	·	·		24
25	·570	·100	·040	·010	·010	·020	-	·250	-	-	1·280	·		25
26	·190	·045	-	·045	-	-	-	-	·005	·030	·410	·070		26
27	·050	·205	·440	-	·005	·015	·055	-	·005	·370	·280	·020		27
28	·040	·180	·530	·105	·	·155	·200	·200	-	-	·540	·		28
29	-	×	·020	·115	·	·020	1·450	-	·	·275	·420	·		29
30	-	✕	-	-	·	·055	·005	-	-	-	·200	·		30
31	-	✕	-	✕	-	✕	·230	·115	✕	·165	✕	·		31
TOTAL	7·455	7 3·0~~65~~	3·040	3·100	1·795	2·500	7 6·7~~65~~	3·320	3 2·2~~25~~	5·090	9 7·08~~5~~	2·410	Year's Total 4 47·850	✓
* Days with .01 in. or more.	28	16	21	17	10	18	25	16	10	24	23	14	220	✓
* Days with .04 in. or more.	25	13	13	15	7	12	18	12	6	14	20	10	165	✓

† Spare column, no entries required.

*See Instruction 3 (f) on other side.

(*Signed*) John K Swales

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3112

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1940.

Kept at Sheffield W.W., Redmires Res.
in the County of W. R. Yorks.
Diameter of Funnel of Gauge 10 in.
Height of top of Gauge above Ground 5 ft. 0 in.
,, Ground ,, Sea Level 1110 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·200		·030							·345	·115		1
2		·020		·275			·085				·440	·080		2
3	·030	·360		·190			·110			·250	·065	·070		3
4		·200	·005	·095			·080			·265	·385	·090		4
5					·060		·180			·340	·325	·605		5
6	·050	·255					·005			·895	·125	·250		6
7	·070	·205		·260	·175			·020	·160	·005		·010		7
8	·005	·005		·075				·045		·200		·205		8
9			·160				·095	·095	·345	·125	·855	·170		9
10			·020				·670	·265	·100	·010	·760	·400		10
11		·080	·020	·080			·270	·005			1·195			11
12		·040	·235			·020	·050		·540		1·125			12
13		·120	·640					·020	·300					13
14				·330	·150		·010	·040	·005	·020		·400		14
15			·005	·030	·090				·040	·005	·270	·010		15
16	·150	·210	·100	·020		·005	·405		·580	·865	·600	·030		16
17		·060	·590				·370		·155		·430			17
18	·130	·320	·145	·700	·005		·055	·055	·085	·010	·065	·140		18
19		·170	·390	·270		·010	·470		·300	·130	·195	·020		19
20		·035	·020	·350		·010	·045	·360		·090	·160	·005		20
21	·040	·030	·220	·020		·310	·060	·025		·100	1·045			21
22		·020	·060		·190	·175		·030	·190	·065	·015	·035		22
23		·160	·125	·050	·105	·130	·015		·050	·065	·070	·040		23
24	·120	·010		·060	·020		·095	·005		·170		·070		24
25	·060			·010		·070				·055		·005		25
26	·580	·050			·020	·115	·075	·045		·015	·040			26
27	1·100	·085					·060	·025	·065	·015	·120			27
28	1·040	·460		·020	·175			·055		·005				28
29	·110		·240	·140	·270	·030	·005		·005			·210		29
30	·120	✕		·105		·005				·210	·005	·325		30
31	·200	✕	·240	✕		✕			✕	1·105	✕	·450		31
TOTAL	3·835	3·095	3·335	3·110	1·260	·880	3·210	1·090	2·920	5·015	8·635	3·735	Year's Total 40·120	
* Days with .01 in. or more.	14	21	16	20	10	9	19	13	13	21	21	21	198	
* Days with .04 in. or more.	13	16	13	14	8	5	18	8	13	16	20	16	160	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(*Signed*) John N. Dawaley [P.T.O.

—

3113

SHEFFIELD REDMIRES NO2

1931 — 39

FORM 1090. **B** M S

s Reservoirs 3113

Sheffield

⁎ The following register of mon … and also the space for
&c., is NOT required if daily
values are given on the other

… register should be sent:—

… eral Manager + Engineer

… ffield

RAINFALL IN 193

(No 2)

At Redmirs - Shef

In the County of Yorkshi

… in Summer 9 a.m.

Rain Gauge
Diameter of Funnel … As Before
Height of Top above Ground …
Height of Ground above Sea Level …

… Direction from gauge …

… Direction from gauge …

Directions from gauge ..

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	4.68 ✓				
FEB.	5.27 ✓				
MAR.	.36 ✓				
APRIL	5.17 ✓				
MAY	3.04 ✓				
JUNE	5.14 ✓				
JULY	5.74 ✓				
AUG.	6.76 ✓				
SEPT.	4.89 ✓				
OCT.	1.28 ✓				
NOV.	5.03 ✓				
DEC.	2.21 ✓				
Total	49.57 ✓				

Signature John N [illegible]

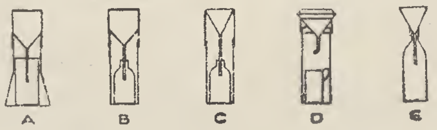
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move………… Distance………… Direction…………

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

London: Published by His Majesty's Stationery Office. To be purchased directly from H.M. Stationery Office at the following addresses: Adastral House, Kingsway, London, W.C.2; 120, George Street, Edinburgh; York Street, Manchester; 1, St. Andrew's Crescent Cardiff; 15, Donegall Square West, Belfast; or through any Bookseller. Price 1d. net.

Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

FORM 1090.

B M
S

s Reservoirs 3113
Sheffield

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1931

(No 2)

At Redmires - Sheffield

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... ft. .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	4·68 ✓				
FEB.	5·27 ✓				
MAR.	·36 ✓				
APRIL	5·17 ✓				
MAY	3·04 ✓				
JUNE	5·14 ✓				
JULY	5·74 ✓				
AUG.	6·76 ✓				
SEPT.	4·89 ✓				
OCT.	1·28 ✓				
NOV.	5·03 ✓				
DEC.	2·21 ✓				
Total	49·57 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K Swales · M·Inst CE · General Manager + Engineer
Water Dept · Town Hall · Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

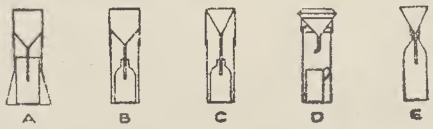
As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 | 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

Sheffield.

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 3113

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Redmires (No 2)

in the County of Yorkshire

Diameter of Funnel of Gauge As in.

Height of top of Gauge above Ground Before ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·74	·01	–	·20	·49	·01	·08	·07	·36	·30	·09	·05	1
2	·39	–	–	–	·33	–	–	·05	·43	·18	·10	·21	2
3	·11	–	–	·48	·02	–	·25	–	·04	–	–	·36	3
4	·03	·02	–	·08	–	–	–	–	–	–	·21	–	4
5	·49	·01	·12	·17	·02	–	–	–	·05	–	–	–	5
6	·87	–	·10	·85	–	–	·12	–	·06	–	–	–	6
7	·10	–	·74	·35	–	–	–	–	·24	·09	·05	–	7
8	–	·02	–	·09	·01	–	–	–	·11	·35	–	–	8
9	·19	·18	–	·16	–	–	–	–	–	–	·01	·03	9
10	·37	·13	–	·09	·01	–	–	–	·33	·19	–	·19	10
11	·25	·06	·09	·08	·38	·10	·02	–	·02	·07	·05	–	11
12	·25	–	–	–	·07	·60	·37	–	–	·14	·09	·01	12
13	·05	·17	–	·13	·08	–	2·11	·03	·20	·64	·14	·12	13
14	·14	–	–	·08	–	–	·57	·25	–	·05	·30	·01	14
15	–	–	–	·03	·23	–	–	–	–	·07	·01	·04	15
16	·29	–	–	·32	·02	–	–	–	–	·10	·01	–	16
17	–	–	–	·01	–	–	·10	–	·02	·52	·02	–	17
18	–	–	–	–	·03	–	–	–	·04	·01	·02	–	18
19	–	–	·03	·13	–	–	–	·01	–	·26	·02	–	19
20	–	–	–	·09	·36	–	·02	·91	–	·21	·04	–	20
21	–	–	·24	·14	2·18	–	–	1·16	–	·50	·08	·09	21
22	–	–	·28	·10	·87	–	·03	–	·30	·05	·80	·02	22
23	–	·020	–	·14	·08	–	·08	–	–	·23	·41	·05	23
24	·02	–	–	·02	·01	·01	·13	–	·09	–	·27	·04	24
25	·01	·06	–	·02	·03	·03	·03	–	·02	·63	·11	–	25
26	–	·02	–	·20	·37	–	·10	–	·09	·19	·32	–	26
27	–	–	·35	·14	·27	·04	·04	–	–	·01	·27	–	27
28	·02	–	·18	·29	·15	–	·27	·09	–	–	–	·06	28
29	·01	–	·27	·19	·21	·02	·08	·04	·29	·84	·08	·20	29
30	–	✕	·08	·02	·06	·44	·01	·03	·09	·10	·33	·14	30
31	·02	✕	·10	✕	·02	✕	·31	–	✕	–	✕	·09	31
TOTAL	4·35	·70	2·58	4·60	6·30	1·25	4·72	2·64	2·78	5·73	3·83	1·71	YEAR'S TOTAL 41·19
*Days with ·01 in. or more.	19	11	12	27	24	8	19	10	18	23	24	17	212
*Days with ·04 in. or more.	13	5	11	22	15	4	14	7	15	21	18	13	158

40-9999

*See Instruction 2 (*f*) on other side,

(*Signed*)

P.T.O.

Sheffield

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933. 3113

Kept at Redmires Reservoirs (No2)

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.
Height of top of Gauge above Ground ft. in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·26	·42	·07	–	·01	–	–	–	·02	·04	·21	–		1
2	·34	–	·40	·02	–	–	–	–	–	·01	·11	–		2
3	–	·28	·17	–	·33	–	–	–	–	–	·12	–		3
4	·16	·07	·10	–	·20	–	–	–	–	–	–	–		4
5	·16	·25	·23	–	·16	–	–	–	–	–	·02	–		5
6	·02	·16	·02	–	·41	–	–	–	–	–	–	·10		6
7	·24	·11	·02	–	·13	–	·19	–	–	·74	–	·05		7
8	·21	·10	·12	–	·01	–	·59	–	–	–	–	·04		8
9	–	·27	–	·14	·04	–	·48	–	–	·79	·07	·01		9
10	·04	·27	–	–	–	·08	·03	–		2·09	·06	–		10
11	–	–	–	–	·02	–	·11	–		·42	–	–		11
12	·02	–	–	–	–	·09	·09	–		·01	–	·10		12
13	–	–	·02	–	·41	·07	·17	–	·03	·03	·07	–		13
14	·13	–	–	–	·22	–	·02	·02	–	·03	·39	·01		14
15	·82	–	·03	–	–	·01	·01	·10	–	·35	1·10	·20		15
16	·33	–	·30	·16	·03	·16	·93	·01	–	·36	·03	·01		16
17	·10	–	·77	–	–	·60	–	·03	·08	–	·19	–		17
18	–	·09	·09	–	–	·77	·01	–	–	–	·11	–		18
19	–	·01	·59	·03	–	·03	–	–	·13	–	·03	·01		19
20	–	·02	–	–	·02	–	–	·10	–	–	·03	–		20
21	–	–	–	–	–	·07	–	·17	·12	·05	·02	–		21
22	–	–	–	–	–	·02	–	·21	–	·37	–	–		22
23	–	·02	–	·17	–	–	–	–	·24	·06	–	–		23
24	–	·75	–	·18	·08	·49	–	–	·70	·03	·02	·01		24
25	–	1·92	–	·20	–	·03	–	–	·12	–	·01	·07		25
26	–	1·10	–	·16	–	–	–	–	·03	·20	·10	·01		26
27	–	·06	–	·01	·08	–	–	–	·10	·11	–	–		27
28	–	–	–	·06	–	–	·05	–	·03	·13	–	·01		28
29	·02		–	·17	–	–	·04	–	–	·06	–	·01		29
30	·06	×	·10	–	–	–	·08	–	–	·17	–	·20		30
31	·21	×	·02	×	–	×	·38	–	×	·14	×	–		31
TOTAL	3.12	5.90	3.05	1·30	2·15	2.42	3·18	·64	1·60	6·19	2·69	·84	Year's Total 33·08	
*Days with ·01 in. or more.	16	17.	16.	11.	15	12.	15.	7.	11.	21.	18.	15	174	
*Days with .04 in. or more.	13	14.	11.	8.	10	8.	11.	4.	7.	16.	11.	7.	120	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*) [P.T.O.

Sheffield Gauges

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No. 7.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934. 3113

Kept at Redmires (8")

in the County of Yorkshire

Diameter of Funnel of ~~Gauge~~ As Before. in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.13	-	-	.02	-	-	-	.17	.01	.09	-	.32		1
2	.01	-	.09	-	.01	-	-	.26	.22	-	.09	.30		2
3	.04	.06	-	-	-	-	-	-	-	.12	.03	-		3
4	.06	-	.46	.26	.02	-	-	-	.08	.64	-	1.24		4
5	-	-	.15	.04	.14	-	-	.48	-	.11	.13	.09		5
6	-	-	.13	-	.37	.01	-	.19	-	.30	-	.63		6
7	.15	.03	.07	-	.02	.01	-	-	-	.10	.04	.28		7
8	-	-	.02	-	.09	.26	-	.04	.02	.12	.59	.04		8
9	-	-	.33	.07	-	-	-	.08	-	.01	1.02	.15		9
10	-	.01	.54	.38	-	-	-	.12	-	.30	.10	.01		10
11	.49	-	.28	.39	-	-	-	.05	-	.02	.02	.40		11
12	-	-	.25	.06	-	-	.54	.04	-	.02	-	.06		12
13	.55	-	.01	.04	.05	-	.07	.03	-	.27	.01	.02		13
14	.33	-	.36	-	.06	.06	-	-	-	.55	.23	.37		14
15	.46	-	.28	-	.32	-	-	.01	.13	.04	.17	.08		15
16	.35	-	.15	-	.18	-	-	-	-	.01	.08	.07		16
17	.39	-	.15	-	.13	-	.18	-	.24	.03	.02	.17		17
18	.19	-	.45	.15	.02	.01	-	.01	-	-	-	.06		18
19	-	-	.30	.13	.06	.19	-	-	.11	.04	-	.02		19
20	-	-	.01	.03	.11	-	-	.02	.05	.02	-			20
21	.01	-	-	-	.06	.41	-	.01	.06	.09	-			21
22	.01	-	.01	-	.04	-	-	.09	.44	.06	-	.04		22
23	-	-	.07	.35	.01	.01	.37	-	.01	.02	.11	.18		23
24	-	.10	.12	.21	-	.12	.05	-	.10	.05	-	.04		24
25	.07	-	-	.06	.13	-	.33	-	.09	.28	-	.61		25
26	.26	-	-	.26	-	.02	.25	-	.18	.01	.10	.04		26
27	.02	.36	-	.55	-	.18	.33	-	.06	.32	.02	.32		27
28	-	-	-	.23	-	.10	.24	.11	-	.28	-	.41		28
29	-		.02	.02	-	-	-	.02	.45	.03	-	.15		29
30	.05	X	-	-	-	-	.12	-	.01	.19	-	.11		30
31	.01	X	-	X	-	X	.03	.05	X	.06	X	.03		31
TOTAL	3.58	.56	4.25	3.25	1.82	1.38	2.51	1.78	2.26	4.18	2.76	6.24	Year's Total. 34.57	
* Days with .01 in. or more.	19.	5	22.	18.	18	12	11.	18.	17.	29.	16.	28.	213.	
* Days with .04 in. or more.	14.	3.	17.	15	13	7.	10.	12.	13.	20.	11.	24	159	

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† Spare column, no entries required.

(*Signed*)

* See Instruction 2 (f) on other side.

[P.T.O.

Sheffield

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 7 3113

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Redmires Reservoirs (8")

in the County of Yorkshire

Diameter of Funnel of Gauge as in.

Height of top of Gauge above Ground Before ft. in.

„ Ground „ Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·28	·28	·04	·09	–	–	·03	–	·12	·19	·11	·68		1
2	–	·18	·27	·01	–	·30	–	–	–	·40	·05	·37		2
3	·04	·51	·10	·08	–	·12	·25	·01	–	·02	·25	·10		3
4	–	·01	·09	·03	–	·09	·06	–	·06	1·06	–	·02		4
5	–	·24	·09	·28	–	·22	·04	–	·02	·06	·08	·02		5
6	·04	·01	–	·15	–	·30	–	–	–	–	–	–		6
7	·06	–	–	·12	–	·25	–	–	–	·23	·43	·26		7
8	–	–	·04	·14	·01	·25	–	·04	–	·02	·05	·39		8
9	–	–	·02	·19	–	·19	–	–	–	·95	·25	·03		9
10	–	·05	·01	·39	–	·02	–	–	–	·23	·18	·01		10
11	·67	·03	·01	–	–	·06	–	·01	–	·02	·18	·19		11
12	–	·06	–	–	–	·13	–	–	·12	–	·01	–		12
13	·07	·15	–	·10	·24	·02	–	–	·03	·12	·02	–		13
14	–	–	–	·02	·08	·04	–	·01	·42	–	·66	·15		14
15	–	1·75	–	·54	·08	·13	·05	–	·14	·03	·13	·30		15
16	–	·69	·20	·19	–	·31	·07	–	·65	·04	·84	–		16
17	–	·10	–	·30	–	·36	·06	–	·48	·03	·92	–		17
18	·07	·01	–	·25	·04	·16	·20	·18	·30	·27	·17	–		18
19	·04	·02	–	·34	–	·35	·11	–	–	·23	·50	–		19
20	·01	·23	–	·41	–	·19	·05	–	–	–	1·07	–		20
21	–	·78	–	·09	–	–	–	–	·62	·07	·37	·23		21
22	–	·11	·05	–	–	–	–	–	·02	·01	·10	–		22
23	–	–	·71	·01	–	–	–	·81	·06	·28	·01	–		23
24	·77	·85	–	–	–	–	–	–	1·23	–	·01	·68		24
25	·21	·15	·08	–	–	·15	–	–	–	–	·02	·11		25
26	·03	·03	–	–	–	–	·05	·74	·36	·63	·33	·31		26
27	–	·18	–	–	·03	–	·25	–	·45	·85	·26	·41		27
28	·02	–	–	–	–	–	–	·12	·09	·33	·08	·17		28
29	·02		·10	–	–	–	–	–	·17	·44	·04	·20		29
30	·03		–	·01	–	·01	–	·11	·09	·53	·68	·12		30
31	·08		–		–		–	·02		·52		·28		31
TOTAL	2·44	6·42	1·81	3·74	·48	3·65	1·22	2·05	5·43	7·56	7·80	5·03	Year's Total 47·63	
* Days with .01 in. or more.	16·	22·	14·	21·	6	21·	12·	10·	19·	25·	28	21	215	
* Days with .04 in. or more.	11·	16·	11·	16·	4·	18·	11·	6·	16·	19·	23·	17·	168·	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(Signed) [P.T.O.

SHEFFIELD

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 8 3113

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Redmires Reservoirs (Glaisher),

in the County of Yorkshire.

Diameter of Funnel of Gauge..................in.

Height of top of Gauge above Ground.........ft.........in. As before.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	-	.20	.92	-	.03	.06	.30	-	-	.15	.23		1
2	.02	.10	.16	.14	-	1.13	.23	.08	.01	-	.04	.26		2
3	.02	.02	.08	-	-	.24	-	.10	.44	-	-	.24		3
4	.05	.17	.09	.01	.01	.09	-	.02	.09	-	.42	.21		4
5	.13	.06	.25	-	.04	-	-	.15	.19	-	.01	.63		5
6	.04	-	-	-	.03	.02	.15	.26	.48	-	.30	-		6
7	.19	-	.06	-	.02	-	.27	-	.99	-	.10	.08		7
8	.21	-	.05	-	-	-	-	-	.07	-	.29	.05		8
9	.30	.04	.15	-	.02	.03	.35	-	-	.15	.30	-		9
10	.06	-	.01	.01	-	-	.49	-	.05	-	.13	-		10
11	-	-	.02	.06	-	.02	.19	-	.10	-	.87	-		11
12	-	-	-	.29	.12	1.26	.44	-	.48	.02	.33	.02		12
13	-	-	-	.05	-	.17	.27	-	-	.17	.02	.52		13
14	-	-	-	.11	-	.11	.02	.02	.20	.04	.26	.41		14
15	.30	-	.02	.09	.06	.04	.04	.04	.10	.02	.54	.14		15
16	.21	.13	-	.06	-	-	.02	-	-	.10	.60	.01		16
17	.10	.70	-	-	.11	-	.18	.02	-	.40	.15	.18		17
18	-	.04	-	.06	-	.07	.23	.03	-	.47	.01	-		18
19	.95	.29	.02	.21	-	.21	.04	.62	-	.18	-	-		19
20	.19	.24	.01	-	-	-	.05	.02	.04	.04	-	.02		20
21	.12	-	.07	.19	-	.09	-	-	-	.03	-	-		21
22	.17	.44	.18	.01	.08	.12	.19	-	-	-	-	.02		22
23	-	.01	.37	.08	.29	-	.49	-	-	.05	-	-		23
24	.31	.12	-	.06	.20	-	-	-	.20	.56	.01	.04		24
25	.13	-	.12	.07	-	.01	.07	-	.53	.46	-	-		25
26	.03	.12	.86	-	.01	-	-	.01	.07	.89	-	-		26
27	.41	-	.05	-	-	-	-	-	.13	.82	-	-		27
28	.34	.91	.12	-	-	.01	.23	-	.02	-	.04	.13		28
29	.15	.64	.38	-	-	.62	-	-	-	.09	.11	.16		29
30	.13	✕	.02	-	.99	.02	.14	.03	-	.63	.16	.03		30
31	.01	✕	.04	✕	-	✕	.04	-	✕	.03	✕	.21		31
TOTAL	4.58	4.03	3.33	2.42	1.98	4.29	4.19	1.70	4.19	5.15	4.84	3.59	Year's Total 44.29	
* Days with .01 in. or more.	25	16	23	17	13	19	22	14	18	19	21	20	227	
* Days with .04 in. or more.	20	14	17	14	8	12	20	7	16	15	17	15	175	

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* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3113

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Sheffield W.W. (Redmires Res.) Glaisher

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 4 ft. 0 in.

,, Ground ,, Sea Level 1110 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·14	·10	·07	-	-	-	·04	-	·10	-	·05	·50		1
2	·30	·21	·05	·32	-	-	-	-	-	-	-	1·84		2
3	-	·05	·02	·09	·06	·14	·01	-	-	-	-	·10		3
4	·31	·08	·14	·05	·05	-	·01	-	-	-	-	·35		4
5	·85	·01	·14	·01	·04	-	-	-	-	-	-	-		5
6	·24	-	·16	·06	·08	-	·58	-	-	-	·17	·21		6
7	·11	·75	-	·33	·12	·20	-	-	-	-	·03	·01		7
8	-	·43	-	·04	·01	-	·01	-	·01	-	·17	·08		8
9	-	·56	-	·04	·44	-	·75	·11	-	-	-	·01		9
10	·05	·28	·08	-	·01	·09	·03	-	-	·01	·02	·40		10
11	-	-	1·46	-	1·16	-	·02	-	·01	-	-	·10		11
12	·32	·30	·12	-	·40	·12	·02	·04	·20	-	-	·26		12
13	-	·04	·01	·01	·02	·17	-	·58	·18	-	-	·21		13
14	-	·07	·41	·03	-	·02	-	·12	·09	-	-	·10		14
15	·21	·24	-	·39	-	-	1·28	-	·06	-	-	-		15
16	·10	·53	·47	·30	·04	·06	-	·17	·34	-	-	·01		16
17	·25	·02	·30	·17	-	·03	-	·02	·57	-	-	-		17
18	1·14	·24	·24	·02	-	·04	·04	·08	·02	-	·69	-		18
19	·01	·49	·02	·03	-	·15	·14	·02	-	-	·35	-		19
20	·20	·30	·07	·20	·73	·10	-	-	-	-	-	-		20
21	·10	·14	·02	·08	-	-	·34	-	·01	·01	-	·07		21
22	·04	-	·03	·05	·05	-	·18	-	-	·19	·48	·04		22
23	·42	-	·02	-	·04	-	·20	-	-	1·32	·55	-		23
24	·33	·63	·20	-	·11	-	·03	-	·02	·52	-	·02		24
25	·12	·56	·08	-	-	-	-	-	·02	·54	-	·02		25
26	-	·27	·08	-	·52	-	-	-	-	-	-	·02		26
27	-	·47	·08	·27	-	-	-	-	-	1·00	-	·01		27
28	·05	·61	·02	-	-	·05	-	-	-	·05	-	·02		28
29	·08		·01	-	-	-	-	-	-	·04	·08	·02		29
30	·69	✕	-	-	-	·21	-	·21	-	·08	·23	·06		30
31	·49	✕	-	✕	-	✕	-	-	✕	·24	✕	·03		31
TOTAL	6·55	7·38	4·30	2·49	3·88	1·35	3·68	1·35	1·63	4·00	2·82	4·49	Year's Total 43·92	
* Days with .01 in. or more.	23	24	25	19	17	13	16	9	13	11	11	24	205	
* Days with .04 in. or more.	22	22	17	14	14	10	9	7	7	9	9	14	154	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) .... [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3113

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Sheffield W.W., Redmires Res.
in the County of W. R. Yorks
Diameter of Funnel of Gauge 8 in.
Height of top of Gauge above Ground 4 ft. 0 in.
,, Ground ,, Sea Level 1110 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·07	·08	·01	-	-	·84	·13	-	-	-	·02	·38		1
2	·05	·10	-	·26	·80	·35	-	·01	-	·30	·09	·10		2
3	·05	-	-	-	-	·03	·11	-	·24	1·61	·12	·01		3
4	·06	-	-	-	-	·05	·23	-	-	·39	·62	·42		4
5	-	-	-	·02	-	·02	·04	·08	·02	·60	·03	·08		5
6	·04	·01	-	-	-	·03	·45	·77	·02	·34	·	·		6
7	·27	-	-	-	-	-	·19	·01	·49	·33	·	·05		7
8	·52	-	-	-	-	-	·62	·02	-	·68	-	·14		8
9	·01	·43	·04	-	-	·18	·09	·07	-	·01	·	·48		9
10	·02	·12	·01	-	-	·18	·65	-	-	-	·01	·16		10
11	·38	·09	-	-	-	-	·09	·04	·01	·01	·07	·08		11
12	·18	-	-	-	·13	-	·02	·06	-	·72	·22	-		12
13	·06	·03	-	-	-	-	-	-	·04	·25	·14	·40		13
14	·37	·02	-	-	·02	-	·19	-	·35	·01	·01	·08		14
15	·85	·02	-	-	-	-	·45	·02	-	·08	·02	·37		15
16	·23	-	·09	-	·01	-	·31	·10	-	·04	·20	·38		16
17	·01	-	·02	-	·21	-	·12	·07	·07	·05	·02	·10		17
18	·05	·03	-	-	·28	·02	-	·07	·56	·05	·36	-		18
19	·01	·02	-	-	·01	·03	-	·23	·03	-	·	·13		19
20	·05	-	-	-	-	-	-	·03	·04	-	·43	·16		20
21	·01	-	·02	-	-	·03	-	·01	·01	-	-	·26		21
22	·02	-	-	·01	-	·19	-	·02	-	-	·38	·36		22
23	-	-	-	-	·05	·08	-	-	·17	·01	·89	-		23
24	-	-	·20	-	·04	·02	·02	·07	·30	-	·06	-		24
25	·20	·15	·06	-	-	·01	·01	·12	~~·44~~	·10	·72	·11		25
26	·09	·56	·11	-	-	·01	-	-	·14	·22	·16	·11		26
27	·18	·28	·01	-	·03	·42	·15	·29	·03	·01	·46	-		27
28	·69	·11	·04	-	·59	·26	·15	·34	·11	-	·	·09		28
29	·12		·45	·07	·80	·02	·13	-	·02	·04	·12	·23		29
30	·20	✕	-	-	·21	·14	-	-	·69	-	·17	·02		30
31	·10	✕	-	✕	·33	✕	-	-	✕	·41	✕	·69		31
		✗	✓	✓		✓	✓	✓	✓	✓	✓	✓	Year's Total	
TOTAL	4·89	2·05	1·06	·36	2·79	2·91	4·15	2·43	3·34	6·26	5·32	5·39	40·95	✓
* Days with .01 in. or more.	28	15	12	4	14	20	20	20	19	22	23	25	222	✓
* Days with .04 in. or more.	22	9	7	2	10	10	17	13	12	17	17	23	160	✓

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)

P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3113

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Sheffield W.W., Redmires Res.

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 4 ft. 0 in.

,, Ground ,, Sea Level 1110 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·03	-	·09	·12	.	-	-	·23	·03	·08	·01	·11		1
2	·08	-	·02	·21	-	-	·13	·19	1·11	·04	·09	·05		2
3	·23	-	-	·33	-	-	-	·53	-	·01	·28	·14		3
4	·42	-	·23	·62	-	-	·09	·20	.	·06	·14	·68		4
5	·01	-	-	·04	·20	-	·16	·34	.	·72	·27	·13		5
6	·50	-	·01	-	-	-	·59	-	.	·08	·27	.		6
7	·29	·15	·14	-	-	-	·01	-	.	·02	·25	·27		7
8	·19	·20	·43	-	-	-	·30	·01	-	·03	·30	·44		8
9	·13	·51	-	-	-	-	·01	·17	-	·71	.	·36		9
10	·75	-	·01	-	-	·01	-	·05	·16	·08	.	.		10
11	·29	·02	·17	-	·02	·28	-	·05	·01	·06	.	·04		11
12	·29	·29	-	.	·02	·12	-	.	-	·01	-	·02		12
13	·04	-	-	·08	·07	·16	·03	-	-	·02	·04	.		13
14	·78	-	·05	·17	·23	·12	·58	-	-	·37	·10	.		14
15	·13	·02	·01	·16	·30	·45	·31	-	·02	·01	·10	.		15
16	·04	-	·10	·01	·85	-	·63	-	-	-	·17	.		16
17	·89	·10	·01	·35	·11	·01	·02	-	-	1·69	·04	.		17
18	·72	·16	·05	-	-	·19	·16	-	·02	·02	1·21	.		18
19	·24	-	-	-	-	·15	·92	·01	·12	·01	-	·03		19
20	·08	-	-	-	-	·26	·55	·83	·32	-	-	.		20
21	·15	·17	·45	·10	·12	·38	·04	·11	·27	.	-	.		21
22	·24	·63	·16	-	-	-	·11	-	·13	·03	·26	·01		22
23	·04	·06	·07	·34	-	·02	·08	-	-	·17	·36	.		23
24	·02	·01	·01	·16	-	·06	·04	·02	-	-	-	.		24
25	·57	·10	·03	·01	·01	·02	-	·25	-	.	1·27	.		25
26	·19	·05	-	·05	-	-	-	-	-	03	·40	·07		26
27	·05	·24	·43	-	-	·03	·05	-	-	·37	·28	·02		27
28	·04	·17	·53	·10	.	·18	·22	·19	-	-	·46	.		28
29	-	×	·02	·14	.	·01	1·54	-	-	·27	·40	.		29
30	-	✕	-	-	-	·04	·01	-	-	-	·18	.		30
31	-	✕	-	✕	-	✕	·29	·11	✕	·16	✕	.		31
TOTAL	7·43	2·88	3·02	2·99	1·93	2·49	6·87	3·29	2·19	5·05	6·88	2·37	Year's Total 47·39	
* Days with .01 in. or more.	28	16	21	17	10	18	24	16	10	24	22	14	220	
* Days with .04 in. or more.	25	13	13	15	7	12	19	13	6	14	21	10	168	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)

[P.T.O.

FORM 1090. **B** ...es – Sheffield

(3113/1)

3113/1

SHEFFIELD, REDMIRES No 3

1931 — 40

780507

*** The following register of mo... &c., is NOT required if dail... values are given on the othe... ...n and also the space for

...register should be sent:—
...neral Manager and Engineer
...ffield
...in Summer 9 a.m

RAINFALL IN 19...

SHEFFIELD WW

At Redmires Reservo... ...ervoir

In the County of Yorkshi...

Direction from ...e — gauge

Direction from ...e — gauge

Rain Gauge
- Diameter of Funnel 5...
- *Height of Top above Ground* 1 f...
- *Height of Ground above Sea Level.*

53 22 2

1 36 25

gauge .. N SW | S 32

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	4·85				
FEB.	5·76				
MAR.	·41				
APRIL	5·62				
MAY	3·23				
JUNE	5·47				
JULY	5·97				
AUG.	6·98				
SEPT.	5·04				
OCT.	1·34				
NOV.	5·24				
DEC.	2·23				
Total	52·14	pit D			

Signature John K Swales

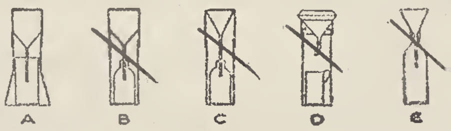
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move........ Distance........ Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

This Check Gauge started Jan 1 – 1931 is within 5 yards of No 1 and No 2 Redmires Reservoirs Gauges; but it stands 1 Ft out of ground, whereas No's 1 and 2 are 5 ft and 4 ft out of the ground respectively

O.S. Map No 37. J.10.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(269) Wt.5244/391/474 14,000 6/30. Gp. 119/110.

N

FORM 1090.

B

es – Sheffield

3113/1

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

SHEFFIELD W.W. (Mews) NO5

At (Redmires Reservoir) (No 3)

In the County of Yorkshire

Rain Gauge { Diameter of Funnel 5 in.

Height of Top above Ground 1 *ft* 0 *in.*

Height of Ground above Sea Level 1110 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	4·85				
FEB.	5·76				
MAR.	·41				
APRIL	5·62				
MAY	3·23				
JUNE	5·47				
JULY	5·97				
AUG.	6·98				
SEPT.	5·04				
OCT.	1·34				
NOV.	5·24				
DEC.	2·23				
Total	52·14				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K Swales – M. Inst CE – General Manager and Engineer
Water Dept – Town Hall – Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station } as Redmires Reservoir No 1 and No 2 gauges Distance — Direction from gauge

Nearest Parish Church at Distance — Direction from gauge

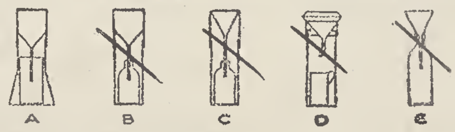
Nature of objects nearest to gauge	wall.	wall.	53 22 2	
Heights of objects	5 ft.	5 ft.	1 26 25	
Distances ..	8 yds	9 yds		
Directions from gauge ..	W. SW	S. SE		

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

This Check Gauge started Jan 1 – 1931 is within 5 yards of No 1 and No 2 Redmires Reservoirs Gauges; but it stands 1 Ft out of ground, whereas No's 1 and 2 are 5 ft and 4 ft out of the ground respectively

O.S. map No 37. J.10.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14\,|$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

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N

Found

Sheffield

Station No. 3113/1

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Redmires (No 3) check-5"

in the County of Yorkshire

Diameter of Funnel of Gauge As in.
Height of top of Gauge above Ground 13 ft in.
,, Ground ,, Sea Level before ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·76	·01	-	·24	·49	·01	·08	·07	·37	·32	·09	·04	1
2	·41	-	-	-	·32	-	-	·05	·49	·17	·11	·18	2
3	·12	-	-	·47	·02	-	·25	-	·04	-	-	·36	3
4	·04	·02	-	·08	-	-	-	-	-	-	·21	-	4
5	·49	·01	·13	·18	·02	-	-	-	·05	-	-	-	5
6	·89	-	·10	·73	-	-	·13	-	·06	-	-	-	6
7	·10	-	·72	·37	-	-	-	-	·27	·10	·05	-	7
8	-	·02	-	·10	·01	-	-	-	·12	·38	-	-	8
9	·20	·18	-	·17	-	-	-	-	-	-	·01	·04	9
10	·44	·13	-	·10	·01	-	-	-	·35	·20	-	·20	10
11	·25	·06	·09	·08	·39	·11	·03	-	·03	·08	·06	-	11
12	·26	-	-	-	·07	·60	·39	-	-	·14	·10	·01	12
13	·05	·17	-	·14	·08	-	2·11	·03	·22	·66	·15	·12	13
14	·15	-	-	·08	-	-	·58	·26	-	·05	·30	·01	14
15	-	-	-	·03	·24	-	-	-	-	·08	·01	·04	15
16	·27	-	-	·30	·02	-	-	-	-	·10	·01	-	16
17	-	-	-	·01	-	-	·11	-	·02	·51	·02	-	17
18	-	-	-	-	·03	-	-	-	·05	·01	·02	-	18
19	-	-	·03	·14	-	-	-	·01	-	·25	·02	-	19
20	-	-	-	·10	·38	-	·02	·92	-	·22	·04	-	20
21	-	-	·25	·14	2·19	-	-	1·17	-	·52	·09	·10	21
22	-	-	·29	·10	·88	-	·03	-	·31	·05	·80	·02	22
23	-	·02	-	·13	·09	-	·08	-	-	·25	·40	·06	23
24	·02	-	-	·02	·01	·01	·15	-	·10	-	·28	·04	24
25	·01	·06	-	·02	·03	·03	·04	-	·02	·65	·14	-	25
26	-	·03	-	·21	·36	-	·12	-	·10	·20	·29	-	26
27	-	-	·38	·15	·29	·04	·04	-	-	·01	·24	-	27
28	·02	-	·20	·31	·16	-	·28	·10	-	-	-	·06	28
29	·01	-	·29	·20	·22	·02	·09	·05	·31	·91	·08	·21	29
30	-	✕	·09	·02	·06	·56	·01	·03	·10	·10	·32	·15	30
31	·02	✕	·10	✕	·02	✕	·33	-	✕	-	✕	·10	31
TOTAL	4·51	·71	2·67	4·62	6·39	1·38	4·87	2·69	3·01	5·96	3·84	1·74	YEAR'S TOTAL 42·39
*Days with ·01 in. or more.	19·	11·	12·	27·	24·	8·	19·	10·	18·	23·	24·	17·	212
*Days with ·04 in. or more.	14·	5·	11·	22·	15·	4·	15·	7·	15·	21·	18·	14·	161

40-9999

*See Instruction 2 (*f*) on other side.

(Signed)

P.T.O.

Sheffield:-

Section **A** for the entry of Daily Observations.

COPY FOR OFFICIAL USE.

Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

3113/1

Kept at Redmires Reservoirs (No 3)

in the County of Yorkshire

Diameter of Funnel of Gauge ~~As Before~~ in.

Height of top of Gauge above Ground ~~As Before~~ in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.28	.38	.08	–	.01	–	–	–	.02	.04	.21	–		1
2	.31	–	.41	.02	–	–	–	–	–	.01	.11	–		2
3	–	.30	.18	–	.34	–	–	–	–	–	.12	–		3
4	.16	.08	.11	–	.21	–	–	–	–	–	–	–		4
5	.16	.23	.25	–	.17	–	–	–	–	–	.02	–		5
6	.02	.18	.02	–	.44	–	–	–	–	–	–	.10		6
7	.25	.13	.02	–	.13	–	.21	–	–	.78	–	.05		7
8	.20	.11	.11	–	.01	–	.62	–	–	–	–	.04		8
9	–	.26	–	.16	.04	–	.50	–	–	.83	.07	.01		9
10	.05	.27	–	–	–	.08	.03	–	–	2.12	.07	–		10
11	–	–	–	–	.02	–	.12	–	–	.39	–	–		11
12	.02	–	–	–	–	.09	.10	–	–	.01	–	.09		12
13	–	–	.02	–	.42	.07	.18	–	.03	.03	.07	–		13
14	.14	–	–	–	.23	–	.02	.02	–	.04	.44	.01		14
15	.85	–	.03	–	–	.01	.01	.10	–	.34	1.20	.21		15
16	.33	–	.31	.17	.03	.17	.96	.01	–	.36	.03	.01		16
17	.10	–	.73	–	–	.60	–	.03	.08	–	.20	–		17
18	–	.10	.11	–	–	.81	.01	–	–	–	.11	–		18
19	–	.01	.63	.03	–	.03	–	–	.15	–	.03	.01		19
20	–	.01	–	–	.02	–	–	.11	–	–	.03	–		20
21	–	–	–	–	–	.08	–	.17	.12	.06	.02	–		21
22	–	–	–	–	–	.02	–	.21	–	.39	–	–		22
23	–	.02	–	.20	–	–	–	–	.25	.06	–	–		23
24	–	.75	–	.20	.09	.49	–	–	.70	.03	.02	.01		24
25	–	1.92	–	.20	–	.04	–	–	.12	–	.01	.07		25
26	–	1.53	–	.17	–	–	–	–	.03	.22	.10	.01		26
27	–	.06	–	.01	.09	–	–	–	.10	.12	–	–		27
28	–	–	–	.06	–	–	.06	–	.02	.13	–	.01		28
29	.02		–	.17	–	–	.04	–	–	.06	–	.01		29
30	.06	×	.10	–	–		.09	–	–	.18	–	.19		30
31	.22	×	.02	×	–	×	.37	–	×	.15	×	–		31
TOTAL	3.17	6.34	3.13	1.39	2.25	2.49	3.32	.65	1.62	6.35	2.86	.83	Year's Total 34.40	
*Days with .01 in. or more.	16.	17.	16.	11.	15.	12.	15.	7.	11.	21.	18.	15.	174.	
*Days with .04 in. or more.	13.	14.	11.	8.	10.	9.	11.	4.	7.	17.	11.	7.	122.	

40-9999

*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

P.T.O.

Sheffield Gauges

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934. 3/13/1

Kept at Redmires (5" check)

in the County of Yorkshire

Diameter of Funnel of Gauge ~~..........~~ in. as Before

Height of top of Gauge above Ground ~~..........~~ in.

,, Ground ,, Sea Level ~~..........~~ ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	.13	-	-	.02	-	-	-	.18	.01	.09	-	.31		1
2	.01	-	.10	-	.01	-	-	.26	.25	-	.11	.33		2
3	.04	.06	-	-	-	-	-	-	-	.15	.03	-		3
4	.07	-	.48	.26	.02	-	-	-	.09	.63	-	1.28		4
5	-	-	.15	.04	.16	-	-	.51	-	.11	.13	.09		5
6	-	-	.13	-	.41	.01	-	.20	-	.31	-	.64		6
7	.14	.03	.07	-	.02	.01	-	-	-	.12	.04	.28		7
8	-	-	.02	-	.10	.28	-	.05	.02	.12	.61	.05		8
9	-	-	.33	.07	-	-	-	.08	-	.01	1.03	.17		9
10	-	.01	.53	.40	-	-	-	.12	-	.34	.12	.01		10
11	.53	-	.30	.42	-	-	-	.05	-	.02	.02	.44		11
12	-	-	.25	.06	-	-	.55	.04	-	.02	-	.06		12
13	.62	-	.01	.04	.05	-	.07	.03	-	.32	.01	.03		13
14	.30	-	.42	-	.06	.07	-	-	-	.55	.22	.41		14
15	.42	-	.27	-	.32	-	-	.01	.14	.05	.16	.09		15
16	.36	-	.15	-	.20	-	-	-	-	.01	.08	.07		16
17	.39	-	.16	-	.14	-	.20	-	.26	.03	.02	.20		17
18	.20	-	.39	.16	.02	.01	-	.01	-	-	-	.07		18
19	-	-	.34	.13	.07	.19	-	-	.12	.04	-	.02		19
20	-	-	.02	.03	.11	-	-	.02	.05	.02	-	-		20
21	.01	-	-	-	.06	.45	-	.01	.07	.10	-	-		21
22	.01	-	.01	-	.04	-	-	.10	.45	.07	-	.03		22
23	-	-	.07	.34	.01	.01	.39	-	.01	.02	.13	.20		23
24	-	.10	.14	.22	-	.13	.05	-	.10	.06	-	.05		24
25	.07	-	-	.07	.14	-	.34	-	.11	.31	-	.67		25
26	.27	-	-	.27	-	.02	.24	-	.17	.01	.11	.04		26
27	.02	.36	-	.57	-	.19	.35	-	.07	.30	.02	.34		27
28	-	-	-	.24	-	.10	.25	.13	-	.29	-	.46		28
29	-		.02	.02	-	-	-	.02	.47	.03	-	.15		29
30	.06	×	-	-	-	-	.13	-	.01	.19	-	.12		30
31	.01	×	-	×	-	×	.03	.05	×	.07	×	.03		31
TOTAL	3.66	.56	4.36	3.36	1.94	1.49	2.60	1.87	2.40	4.39	2.84	6.64	Year's Total. 36.09	
* Days with .01 in. or more.	19	5	22	18	18	12	11	18	17	29	16	28	213	
* Days with .04 in. or more.	14	3	17	15	13	7	10	12	13	20	11	23	158	

40-9999

† Spare column, no entries required.

(*Signed*) ....

* See Instruction 2 (f) on other side.

[P.T.O.

Sheffield

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations.

Station No. 7 31|3|1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

Kept at Redmires Reservoirs (5" Check)

in the County of Yorkshire

Diameter of Funnel of Gauge as in.

Height of top of Gauge above Ground Before ft. in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.28	.27	.04	.09	–	–	.03	–	.14	.19	.12	.65		1
2	–	.18	.26	.01	–	.31	–	–	–	.44	.05	.38		2
3	.04	.49	.11	.08	–	.13	.28	.01	–	.02	.26	.10		3
4	–	.01	.09	.03	–	.09	.07	–	.06	1.07	–	.02		4
5	–	.25	.09	.27	–	.23	.04	–	.02	.06	.09	.02		5
6	.04	.01	–	.16	–	.33	–	–	–	–	–	–		6
7	.06	–	–	.12	–	.27	–	–	–	.24	.43	.26		7
8	–	–	.04	.15	.01	.26	–	.05	–	.02	.06	.40		8
9	–	–	.02	.20	–	.20	–	–	–	1.00	.27	.04		9
10	–	.05	.01	.38	–	.02	–	–	–	.22	.20	.01		10
11	.69	.02	.01	–	–	.06	–	.01	–	.02	.19	.20		11
12	–	.07	–	–	–	.13	–	–	.12	–	.01	–		12
13	.07	.15	–	.11	.24	.02	–	–	.04	.12	.02	–		13
14	–	–	–	.02	.08	.04	–	.01	.42	–	.68	.14		14
15	–	1.71	–	.58	.08	.14	.05	–	.16	.03	.14	.31		15
16	–	.71	.21	.17	–	.33	.08	–	.65	.04	.83	–		16
17	–	.11	–	.30	–	.38	.06	–	.40	.03	.94	–		17
18	.07	.01	–	.26	.04	.16	.21	.18	.30	.28	.17	–		18
19	.04	.02	–	.35	–	.36	.12	–	–	.24	.52	–		19
20	.01	.22	–	.45	–	.19	.05	–	–	–	1.10	–		20
21	–	.76	–	.11	–	–	–	–	.62	.07	.37	.23		21
22	–	.12	.05	–	–	–	–	–	.02	.01	.10	–		22
23	–	–	.75	.01	–	–	–	.84	.07	.31	.01	–		23
24	.78	.87	–	–	–	–	–	–	1.25	–	.01	.68		24
25	.18	.15	.08	–	–	.16	–	–	–	–	.02	.11		25
26	.03	.03	–	–	–	–	.05	.82	.38	.62	.31	.33		26
27	–	.24	–	–	.03	–	.26	–	.46	.82	.25	.44		27
28	.02	–	–	–	–	–	–	.13	.09	.31	.07	.18		28
29	.02		.10	–	–	–	–	–	.18	.43	.04	.22		29
30	.03	✕	–	.01	–	.01	–	.12	.09	.53	.69	.12		30
31	.07	✕	–	✕	–	✕	–	.02	✕	.58	✕	.29		31
TOTAL	2.43	6.45	1.86	3.86	.48	3.82	1.30	2.19	5.47	7.65	7.95	5.13	Year's Total 48.59	
* Days with .01 in. or more.	16	22	14	21	6	21	12	10	19	25	28	21	215	
* Days with .04 in. or more.	11	16	11	16	4	18	11	6	17	19	23	18	170	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) ...... [P.T.O.

SHEFFIELD

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 5 3113/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936.

Kept at Redmires (5" check).

in the County of Yorkshire.

Diameter of Funnel of Gauge..........in.

Height of top of Gauge above Ground.........ft.........in. As before.

,, Ground ,, Sea Level ....ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.01	-	.20	.89	-	.03	.07	.32	-	-	.15	.21		1
2	.02	.10	.17	.15	-	1.13	.25	.08	.01	-	.04	.27		2
3	.02	.02	.09	-	-	.25	-	.10	.49	-	-	.24		3
4	.05	.17	.09	.01	.01	.09	-	.02	.10	-	.44	.22		4
5	.13	.06	.24	-	.03	-	-	.16	.21	-	.01	.63		5
6	.04	-	-	-	.03	.02	.16	.27	.51	-	.33	-		6
7	.19	-	.06	-	.02	-	.28	-	.98	-	.11	.10		7
8	.21	-	.05	-	-	-	-	-	.07	-	.33	.05		8
9	.30	.04	.16	-	.02	.03	.37	-	-	.16	.31	-		9
10	.06	-	.01	.01	-	-	.51	-	.05	-	.12	-		10
11	-	-	.02	.06	-	.02	.19	-	.11	-	.89	-		11
12	-	-	-	.29	.12	1.25	.49	-	.52	.02	.33	.02		12
13	-	-	-	.05	-	.17	.29	-	-	.20	.02	.66		13
14	-	-	-	.11	-	.12	.03	.02	.21	.04	.25	.39		14
15	.30	-	.02	.09	.06	.05	.04	.04	.12	.02	.55	.12		15
16	.21	.14	-	.06	-	-	.02	-	-	.12	.63	.01		16
17	.10	.74	-	-	.12	-	.18	.02	-	.44	.15	.18		17
18	-	.05	-	.06	-	.07	.26	.03	-	.47	.01	-		18
19	.95	.31	.02	.21	-	.22	.04	.68	-	.18	-	-		19
20	.19	.25	.01	-	-	-	.06	.02	.05	.04	-	.02		20
21	.12	-	.07	.19	-	.10	-	-	-	.03	-	-		21
22	.17	.44	.19	.01	.08	.13	.21	-	-	-	-	.02		22
23	-	.01	.39	.08	.28	-	.55	-	-	.05	-	-		23
24	.31	.13	-	.06	.20	-	-	-	.22	.57	.01	.04		24
25	.13	-	.12	.07	-	.01	.08	-	.50	.44	-	-		25
26	.03	.14	.87	-	.01	-	-	.01	.07	.87	-	-		26
27	.41	-	.05	-	-	-	-	-	.15	.79	-	-		27
28	.34	.91	.13	-	-	.01	.23	-	.02	-	.05	.14		28
29	.15	.64	.38	-	-	.62	-	-	-	.09	.11	.17		29
30	.13	✕	.02	-	.97	.02	.15	.03	-	.62	.15	.02		30
31	.01	✕	.04	✕	-	✕	.04	-	✕	.03	✕	.20	Year's Total	31
TOTAL	4.58	4.15	3.40	2.40	1.95	4.34	4.50	1.80	4.39	5.18	4.99	3.71	45.39	
* Days with .01 in. or more.	25	16	23	17	13	19	22	14	18	19	21	20	227	
* Days with .04 in. or more.	20	14	17	14	7	12	20	7	16	15	17	15	174	

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John K.

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3113/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Sheffield W.W. (Redmires Res) new g.

in the County of Yorks.

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1110 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

4.00

THE MORNING MEASUREMENT SHOULD BE ENTERED ~~TO THE~~ PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.15	.10	.08	–	–	–	.05	–	.11	–	.04	.53		1
2	.28	.23	.06	.31	–	–	–	–	–	–	–	1.76		2
3	–	.05	.02	.08	.07	.18	.01	–	–	–	–	.10		3
4	.31	.07	.14	.05	.06	–	.01	–	–	–	–	.35		4
5	.86	.01	.14	.01	.03	–	–	–	–	–	–	–		5
6	.21	–	.15	.04	.08	–	.59	–	–	–	.17	.21		6
7	.10	.80	–	.35	.13	.20	–	–	–	–	.02	.02		7
8	–	.43	–	.05	.01	–	.01	–	.01	–	.17	.09		8
9	–	.49	–	.04	.45	–	.72	.12	–	–	–	.01		9
10	.05	.25	.08	–	.01	.09	.03	–	–	.01	.02	.40		10
11	–	–	1.46	–	1.14	–	.02	–	.01	–	–	.11		11
12	.33	.33	.12	–	.37	.12	.01	.05	.21	–	–	.26		12
13	–	.05	.01	.01	.02	.17	–	.62	.19	–	–	.24		13
14	–	.08	.41	.03	–	.03	–	.13	.09	–	–	.10		14
15	.25	.25	–	.42	–	–	1.31	–	.07	–	–	–		15
16	.11	.55	.51	.30	.04	.07	–	.19	.35	–	–	.01		16
17	.30	.02	.31	.17	–	.03	–	.02	.58	–	–	–		17
18	1.14	.23	.27	.03	–	.01	.04	.07	.02	–	.71	–		18
19	.01	.52	.01	.03	–	.15	.14	.02	–	–	.35	–		19
20	.26	.28	.07	.21	.73	.11	–	–	–	–	–	–		20
21	.12	.14	.02	.09	–	–	.38	–	.01	.01	–	.07		21
22	.04	–	.03	.05	.06	–	.20	–	–	.20	.49	.04		22
23	.45	–	.02	–	.04	–	.21	–	–	1.37	.53	–		23
24	.41	.64	.19	–	.12	–	.04	–	.02	.60	–	.02		24
25	.13	.61	.08	–	–	–	–	–	.02	.61	–	.02		25
26	–	.30	.09	–	.54	–	–	–	–	–	–	.02		26
27	–	.47	.03	.27	–	–	–	–	–	.90	–	.01		27
28	.06	.61	.02	–	–	.05	–	–	–	.05	–	.02		28
29	.10		.01	–	–	–	–	–	–	.04	.08	.02		29
30	.69	✕	–	–	–	.26	–	.22	–	.09	.25	.05		30
31	.48	✕	–	✕	–	✕	–		✕	.24	✕	.02		31
TOTAL	6.84	7.51	4.33	2.62	3.90	1.47	3.77	1.44	1.69	4.12	2.83	4.48	Year's Total 45.00	✓
* Days with .01 in. or more.	23	24	25	19	17	13	16	9	13	11	11	24	205	✓
* Days with .04 in. or more.	22	22	16	14	13	10	10	7	7	9	9	14	153	✓

† Spare column, no entries required.

(*Signed*) John K Swales [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 311311

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Sheffield W.W. Redmires Res. new Gauge

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1110 ft.

TRAVELLING FORM
VALUES FORWARDED MONTHLY

400

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·07	·07	·01	–	–	·89	·14	–	–	–	·02	·40		1
2	·05	·09	–	·28	·08	·33	–	·01	–	·31	·08	·12		2
3	·04	–	–	–	–	·03	·12	–	·25	1·60	·10	·01		3
4	·06	–	–	–	–	·06	·24	–	–	·35	·67	·41		4
5	–	–	–	·02	–	·02	·05	·07	·02	·62	·03	·08		5
6	·03	·01	–	–	–	·03	·48	·78	·03	·32	–	·		6
7	·29	–	–	–	–	–	·20	·01	·48	·33	–	·04		7
8	·56	–	–	–	–	–	·64	·02	–	·70	–	·12		8
9	·01	·42	·03	–	–	·28	·10	·08	–	·01	–	·47		9
10	·02	·13	·01	–	–	·17	·69	–	–	–	·01	·16		10
11	·40	·06	–	–	–	–	·09	·04	·01	·02	·08	·08		11
12	·20	–	–	–	·12	–	·02	·06	–	·74	·23	–		12
13	·07	·04	–	–	–	–	–	–	·03	·22	·16	·41		13
14	·39	·03	–	–	·02	–	·20	–	·34	·01	·01	·09		14
15	·76	·03	–	–	–	–	·45	·02	–	·08	·02	·38		15
16	·24	–	·08	–	·01	–	·31	·12	–	·04	·18	·40		16
17	·01	–	·02	–	·23	–	·14	·08	·08	·05	·02	·10		17
18	·04	·03	–	–	·31	·02	–	·09	·60	·05	·34	–		18
19	·01	·02	–	–	·01	·03	–	·25	·02	·	–	·12		19
20	·06	–	–	–	–	–	–	·03	·04	–	·47	·16		20
21	·01	–	·02	–	–	·11	–	·01	·01	·	–	·26		21
22	·02	–	–	·01	–	·21	–	·02	–	–	·36	·36		22
23	–	–	–	–	·06	·09	–	–	·17	·01	·28	·		23
24	–	–	·23	–	·03	·03	·02	·08	·32	–	·06	·		24
25	·18	·16	·07	–	–	·01	·01	·11	–	·10	·70	·11		25
26	·12	·53	·12	–	–	·01	–	–	·15	·24	·18	·12		26
27	·18	·33	·01	–	·03	·42	·19	·30	·04	·01	·43	–		27
28	·65	·11	·03	–	·60	·25	·16	·31	·12	–	–	·08		28
29	·13		·45	·06	·92	·02	·15	–	·02	·05	·14	·21		29
30	·19	✕	–	–	·20	·16	–	–	·74	–	·18	·02		30
31	·10	✕	–	✕	·42	✕	–	–	✕	·38	✕	·69		31
TOTAL	4·89	2·06	1·08	·37	3·04	3·02	4·40	2·49	3·47	6·24	5·35	5·40	Year's Total 41·81	
* Days with .01 in. or more.	28	15	12	4	14	20	20	20	19	22	23	25	222	
* Days with .04 in. or more.	21	10	5	2	9	11	17	13	12	17	17	23	157	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

3·51

(*Signed*) Frank Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations
Station No. 3113/1

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Sheffield W.W., Redmires Res. New Gauge.

in the County of W. R. Yorks

Diameter of Funnel of Gauge 5 in.

Height of top of Gauge above Ground 1 ft. 0 in.

,, Ground ,, Sea Level 1110 ft.

400

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·04	-	·08	·12	-	-	·01	·25	·04	·09	·01	·11		1
2	·08	-	·03	·21	-	-	·15	·20	1·21	·04	·09	·05		2
3	·23	-	-	·31	-	-	-	·54	-	·02	·29	·15		3
4	·42	-	·29	·62	-	-	·10	·20	-	·07	·15	·70		4
5	·01	-	-	·05	·20	-	·18	·36	-	·75	·30	·10		5
6	·48	-	·01	-	-	-	·62	·	-	·09	·28	-		6
7	·30	·17	·13	-	-	-	·02	-	-	·02	·28	·25		7
8	·18	·20	·40	-	·	-	·32	·02	-	·04	·32	·48		8
9	·12	·58	-	-	-	-	·02	·20	·	·75	-	·37		9
10	·75	-	·01	-	-	·01	·	·06	·18	·09	·	·		10
11	·28	·02	·18	-	·02	·28	-	·06	·02	·07	-	·04		11
12	·30	·29	-	·	·02	·12	·	·	-	·01	-	·02		12
13	·04	-	-	·07	·08	·17	·04	-	·	·02	·04	·		13
14	·76	-	·04	·17	·23	·13	·55	-	·	·35	·10	·		14
15	·13	·02	·01	·15	·29	·47	·33	-	·03	·01	·11	·		15
16	·04	-	·10	·01	·82	-	·64	-	-	-	·18	·		16
17	·90	·10	·02	·36	·09	·01	·04	-	-	1·44	·05	·		17
18	·72	·17	·04	·	-	·21	·18	-	·03	·03	1·27	·		18
19	·24	-	-	-	-	·18	·95	·01	·12	·01	·	·03		19
20	·07	-	-	-	-	·25	·56	·79	·30	-	·	·		20
21	·16	·20	·45	·10	·13	·35	·05	·11	·26	-	·	·		21
22	·26	·71	·17	-	-	-	·13	-	·13	·04	·27	·01		22
23	·05	·06	·08	·35	-	·02	·10	-	-	·18	·37	·		23
24	·02	·02	·02	·15	-	·06	·05	·02	-	-	-	·		24
25	·57	·10	·03	·01	·01	·02	-	·25	-	-	1·30	·		25
26	·19	·04	-	·05	-	-	-	·	-	·04	·42	·08		26
27	·05	·25	·42	-	-	·05	·06	-	-	·36	·28	·02		27
28	·04	·17	·53	·09	-	·19	·23	·20	-	-	·49	·		28
29	-	×	·02	·12	-	·02	1·57	-	-	·28	·40	·		29
30	-	✕	-	-	-	·06	·01	-	-	-	·19	·		30
31	-	✕	-	✕	-	✕	·32	·12	✕	·17	✕	·		31
TOTAL	7·43	3·10	3·06	2·94	1·89	2·60	7·23	3·39	2·32	5·27	7·19	2·47	Year's Total 48·89	
* Days with .01 in. or more.	28	16	21	17	10	18	25	16	10	24	22	14	221	
* Days with .04 in. or more.	26	13	13	15	7	13	21	13	7	17	21	10	176	

† Spare column, no entries required.

(Signed) …………………… [P.T.O.

* See Instruction 3 (f) on other side.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations — Station No. 3113/14

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 19~~3~~40.

x80

Kept at Sheffield W.W., Redmires Res. — New gauge.
in the County of W. R. Yorks
Diameter of Funnel of Gauge 5 in.
Height of top of Gauge above Ground 1 ft. 0 in.
,, Ground ,, Sea Level 1110 ft.

TRAVELL[illegible]
VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·	·19	·	·03	·	·	·	·	·	·	·35	·11		1
2	·	·02	·	·26		·	·09	·		·	·36	·08		2
3	·03	·36	·	·19	·	·	·11	·	·	·23	·08	·04		3
4	·	·20	·	·10	·	·	·08	·	·	·26	·34	·08		4
5	·	·	·	·	·07	·	·19	·	·	·33	·31	·51		5
6	·06	·26		·	·	·	·	·		·85	·13	·19		6
7	·04	·21	·	·27	·18		·	·04	·16	·	·	·02		7
8	·01	·	·	·07	·	·	·	·05	·	·21	·	·20		8
9	·	·	·15	·	·	·	·09	·08	·31	·15	·92	·18		9
10	·	·	·03	·	·	·	·68	·24	·10	·01	·70	·48		10
11	·	·11	·02	·07	·	·	·34	·	·	·	1·08	-		11
12	·	·04	·25	·	·	·02	·06	·	·52	·	1·06	·		12
13	·	·12	·67	·	·	·	·	·02	·28	·	·	·		13
14		·	·	·32	·14	·	·01	·04	·	·04	·	·45		14
15	·	·	·10	·03	·08		·	·	·04	·02	·27	·02		15
16	·17	·21	·12	·02	·	·01	·37		·50	·79	·61	·05		16
17	·	·06	·57	·	·	·	·34	·	·14	·	·43	·		17
18	·12	·32	·14	·71	·	·	·04	·05	·09	·01	·07	·17		18
19	·	·17	·30	·28	·	·01	·49	·	·33	·13	·20	·03		19
20	·	·03	·02	·35	·	·02	·05	·33	·	·09	·15	·01		20
21	·04	·02	·22	·02	·	·32	·06	·03	·	·10	1·05	·		21
22	·	·02	·07	·	·19	·19	·	·04	·21	·07	·01	·06		22
23	·	·16	·13	·05	·11	·13	·02	·	·06	·08	·08	·05		23
24	·13	·01	·	·06	·02	·	·10	·	·	·17	·	·10		24
25	·06	·	·	·01	·	·07	·	[illegible]	·	·06	·	·02		25
26	·59	·07	·	·	·03	·13	·08	·05	·	·02	·06	·		26
27	1·10	·10	·	·	·	·	·06	·03	·06	·02	·13	·		27
28	1·07	·45	·	·02	·18	·	·	·06	·	·	·	·		28
29	·11	·	·29	·13	·26	·03	·	·	·	·	·	·25		29
30	·12	✕	·	·10	·	·	·	·	·	·27	·01	·38		30
31	·21	✕	·22	✕	·	✕	·	·	✕	1·15	✕	·50		31
TOTAL	3·89	3·13	3·30	3·09	1·26	·93	3·26	1·06	2·80	5·06	8·43	4·01	Year's Total 40·22	✓
* Days with .01 in. or more.	15	21	16	20	10	10	19	13	13	22	22	23	204	✓
* Days with .04 in. or more.	13	16	13	14	8	5	17	10	13	17	20	18	164	✓

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed) .... [P.T.O.

3114

Rivelin, Oaking Clough

1931 — 40

780507

FORM 1090.

B

in (Oaking Clough)

3114

*** The following register of m
&c., is NOT required if dai
values are given on the oth

on and also the space for

s register should be sent:—

ral Manager & Engineer

field

RAINFALL IN 19

At Oaking Clough (R

In the County of Yorksh

Rain Gauge
Diameter of Funnel 8
Height of Top above Ground 1
Height of Ground above Sea Leve

m in Summer 9 a.m

ce 3½ m. Direction from gauge S·W

ce 3 miles Direction from gauge S. SW

rland.

Directions from gauge .. N·W

Month.	Total Depth.	Greatest Fall in 24 hours.	
	Inches.	Inches.	Date.
JAN.	5·27	✓	
FEB.	5·03	✓	
MAR.	·29	✓	
APRIL	5·29	✓	
MAY	3·09	✓	
JUNE	4·81	✓	
JULY	(5·64)	✓	
AUG.	7·31	✓	
SEPT.	5·33	✓	
OCT.	1·33	✓	
NOV.	4·92	✓	
DEC.	1·99	✓	
Total	50·30	+ ✓	

Signature John N Swales

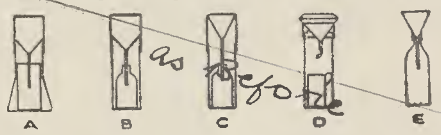
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move 23 July. Distance 27 ft Direction S. W.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

This gauge was situated only a few inches above Oaking Clough stream level. It was flooded following a heavy local rainfall on July 6th and was moved to a higher site further from the stream. The intensity of this local rainfall is unknown but the nearest raingauge showed nothing abnormal (about ½ mile away N·W)

+ footnote gauge possibly over-exposed -

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{array}{r}17\\18\end{array}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Printed under the authority of His Majesty's Stationery Office by JOHN CORAH & SON, LTD., Loughborough and London.

(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

in (Oaking Clough)

3114

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Oaking Clough (Rivelin)

In the County of Yorkshire

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1161·8 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	5·27	✓			
FEB.	5·03	✓			
MAR.	·29	✓			
APRIL	5·29	✓			
MAY	3·09	✓			
JUNE	4·81	✓			
JULY	(5·64)	✓			
AUG.	7·31	✓			
SEPT.	5·33	✓			
OCT.	1·33	✓			
NOV.	4·92	✓			
DEC.	1·99	✓			
Total	50·30	+ ✓			

Signature John N Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K Swales - M·Inst CE - General Manager & Engineer
Water Dept - Town Hall · Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Bamford. Distance 3½ m. Direction from gauge S W

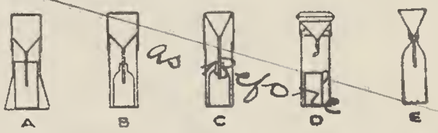
Nearest Parish Church at Hathersage Distance 3 miles Direction from gauge S. SW

Nature of objects nearest to gauge	Keepers Hut. in Moorland.			
Heights of objects	18 to 20 Ft			
Distances ..	33 yds.			
Directions from gauge ..	N. W			

If gauge has been moved during the year state—

Date of move 23 July. Distance 27 ft Direction S. W.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)
If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

This gauge was situated only a few inches above Oaking Clough stream level. It was flooded following a heavy local rainfall on July 6th and was moved to a higher site further from the stream. The intensity of this local rainfall is unknown but the nearest raingauge showed nothing abnormal (about ½ mile away N.W)

+ footnote gauge possibly over-exposed -

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

Rivelin 3114

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Oaking Clough

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... ft. .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
	Inches	Inches	Date.	·01 in. or more *	·04 in. or more *
JAN.	4·58				
FEB.	·77				
MAR.	2·77				
APRIL	4·31				
MAY	6·41				
JUNE	1·12				
JULY	5·10				
AUG.	2·67				
SEPT.	3·03				
OCT.	6·05				
NOV.	3·70				
DEC.	1·80				
Total	42·31				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst CE - Engineer & Manager

Water Dept - Town Hall. - Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 / 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Rivelin

3114

For 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Oaking Clough

In the County of Yorkshire

Rain Gauge
~~Diameter of Funnel .... in.~~
~~Height of Top above Ground .... in.~~
~~Height of Ground above Sea Level .... ft.~~

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.09				
FEB.	6.23				
MAR.	3.01				
APRIL	1.28				
MAY	2.13				
JUNE	2.31				
JULY	2.78				
AUG.	·81				
SEPT.	1.75				
OCT.	6.16				
NOV.	2.97				
DEC.	·69				
Total	33·21 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales: M Inst CE. Manager + Engineer
Water Dept Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

~~Nearest Railway Station .... Distance .... Direction from gauge ....~~

~~Nearest Parish Church at .... Distance .... Direction from gauge ....~~

~~Nature of objects nearest to gauge~~				
~~Heights of objects~~				
~~Distances ..~~				
~~Directions from gauge ..~~				

As Before.

~~**If gauge has been moved during the year state—**~~

~~Date of move .... Distance .... Direction ....~~

~~Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)~~

~~If the gauge is of a self-registering or self-recording type please give particulars.~~

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

Sheffield Gauges
7
3114

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Oaking Clough.
In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	3·74				
FEB.	·63				
MAR.	3·40				
APRIL	3·28				
MAY	1·86				
JUNE	1·40				
JULY	2·39				
AUG.	1·88				
SEPT.	2·62				
OCT.	5·84				
NOV.	2·91				
DEC.	5·96				
Total	35·11				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq M. Inst C E · Engineer & Manager
Water Dept Town Hall · Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge	As Before			
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers,", to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Rivelin

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Oaking Clough

In the County of Yorkshire

As Before

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground ...... ft. .... in.*
- *Height of Ground above Sea Level .... ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2·38				
FEB.	6·05				
MAR.	1·78				
APRIL	3·54				
MAY	·49				
JUNE	3·96				
JULY	1·28				
AUG.	2·38				
SEPT.	5·88				
OCT.	8·05				
NOV.	7·77				
DEC.	4·94				
TOTAL	48·50				

Signature John K. Swales

*See Instruction 2 *(f)* below.

C Particulars of Station, ~~No 7~~ - 3114

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst C.E. Town Hall
Engineer & Manager. Water Dept Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

As Before

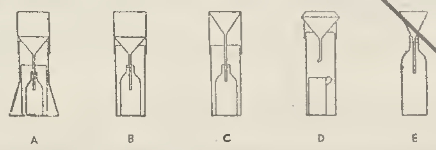
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}$ ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

RIVELIN VALLEY.

3114

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At Oaking Clough.

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel.........in.
Height of Top above Ground ......*ft.*......*in.* As before.
Height of Ground above Sea Level 1160 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.53				
FEB.	4.10				
MAR.	3.24				
APRIL	2.23				
MAY	2.09				
JUNE	3.97				
JULY	4.34				
AUG.	2.08				
SEPT.	4.80				
OCT.	5.08				
NOV.	5.06				
DEC.	4.09				
TOTAL	45.61 ✓				

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................. Distance.......... Direction from gauge..........

Nearest Parish Church at.................. Distance.......... Direction from gauge..........

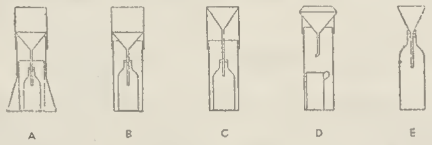
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...		As before.		

If gauge has been moved during the year state –

Date of move.................. Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3114

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Rivelin (Oaking Clough)

In the County of Yorks.

Rain Gauge
Diameter of Funnel 8 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1110 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6.59				
FEB.	7.58				
MAR.	3.98				
APRIL	2.42				
MAY	3.98				
JUNE	1.59				
JULY	4.27				
AUG.	1.63				
SEPT.	1.69				
OCT.	3.96				
NOV.	2.90				
DEC.	4.49				
TOTAL	45.08				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer.
Water Dept., Town Hall.
Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

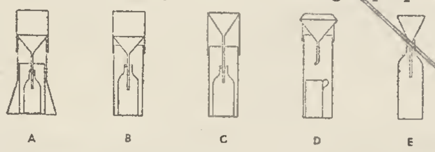
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3114

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Rivelin, Oaking Clough

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 8" in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1160 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·74				
FEB.	1·93 ✓				
MAR.	1·21 ✓				
APRIL	·36 ✓				
MAY	3·14 ✓				
JUNE	3·05 ✓				
JULY	4·49 ✓				
AUG.	2·05 ✓				
SEPT.	3·19 ✓				
OCT.	7·09 ✓				
NOV.	5·06 ✓				
DEC.	5·30 ✓				
TOTAL	41·61 ✓				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 am in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

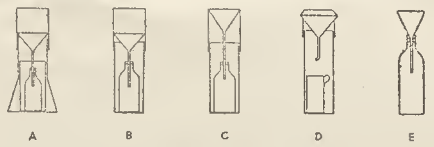
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Rivelin, Oaking Clough

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1160 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·46 ✓				
FEB.	2·73 ✓				
MAR.	3·32 ✓				
APRIL	2·92 ✓				
MAY	2·26 ✓				
JUNE	2·78 ✓				
JULY	7·82 ✓				
AUG.	3·45				
SEPT.	2·28				
OCT.	5·09 ✓				
NOV.	4·10 ✓				
DEC.	2·61 ✓				
TOTAL	49·82	✓			

Signature John K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

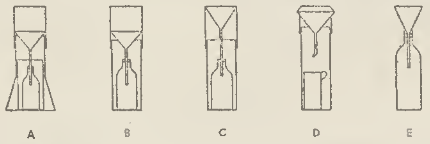
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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S.O. Code No. 40-9099

FORM 1090. **B** Monthly Summary. **C** Particulars of Station. 3114

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Rivelin, Oaking Clough

In the County of W.R. Yorks

Rain Gauge
- Diameter of Funnel 8 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1160 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3·84)				
FEB.	(3·52)				
MAR.	2·99				
APRIL	2·64				
MAY	1·33				
JUNE	·75				
JULY	2·67				
AUG.	1·05				
SEPT.	3·20				
OCT.	4·79				
NOV.	7·85				
DEC.	4·24				
TOTAL	38·87				

Signature John K Swales

* See Instruction 3 *(f)* below.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq., M.Inst.C.E., General Manager & Engineer
Sheffield Corpn. Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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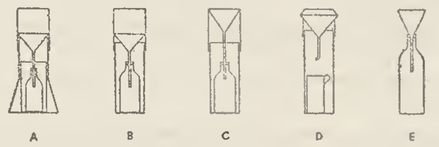

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9999

FORM 1090.

B

, The following register of
&c., is NOT required if
values are given on the

3114/2

Rivelin, Oaking Clough No 2
1936 — 40

280507

RIVELIN VALLEY.

3114/2

n,

ion and also the space for

this register should be sent:—
.C.E., General
ks Office, Town Hall, Sheffield.
m. in Summer 9 a.m.

RAINFALL IN

X Rivelin

At (Oaking Clough)

In the County of Yorks

Rain Gauge
Diameter of Funnel......
As b
Height of Top above Ground.
Height of Ground above Sea l

ance.................. Direction from gauge..........

stance.................. Direction from gauge..........

Month	Total Depth	Greatest in 24 hours		·01 in. or more	·01 in. or more
	Inches	Inches	Date	*	*
JAN.	4.58				
FEB.	4.18				
MAR.	3.28				
APRIL	2.05				
MAY	1.95				
JUNE	3.80				
JULY	4.79				
AUG.	2.25				
SEPT.	5.06				
OCT.	5.50				
NOV.	5.28				
DEC.	4.66				
TOTAL	47.38	Print			

Distances ...

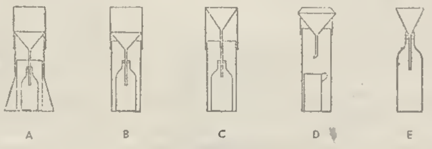
Directions from gauge ... As before.

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Signature X Sheffield Corporation W.W. X

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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ON

RIVELIN VALLEY.

3114/2

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 193.6.

X Rivelin c1932

At (Oaking Clough) No. 2. X

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel .... in.
Height of Top above Ground .... *ft.* .... *in.* As before.
Height of Ground above Sea Level 1185 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.58				
FEB.	4.18				
MAR.	3.28				
APRIL	2.05				
MAY	1.95				
JUNE	3.80				
JULY	4.79				
AUG.	2.25				
SEPT.	5.06				
OCT.	5.50				
NOV.	5.28				
DEC.	4.66				
TOTAL	47.38 ✓	Print			

Signature ~~John K Swales~~ X Sheffield Corporation W.W. X

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :— John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

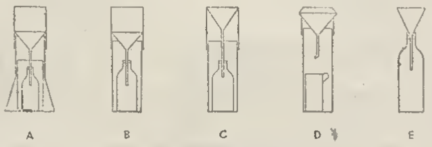
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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O N

71

3114/2

FORM 1090.

B Monthly Summary.

_ The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Oaking Clough No 2

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1185 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	6.72				
FEB.	7.69				
MAR.	4.38				
APRIL	2.50				
MAY	3.79				
JUNE	1.72				
JULY	4.43				
AUG.	1.79				
SEPT.	1.73				
OCT.	3.96				
NOV.	2.79				
DEC.	4.43				
TOTAL	45.93				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

Every observer is requested to fill in this section and also the space for notes as far as possible.

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall
Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

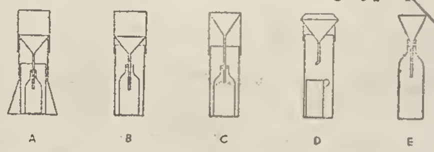
as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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S.O. Code No. 40-9999

3114/2

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Rivelin, Bakingclough No 2.

In the County of W. R. Yorks. Ch

Rain Gauge
- Diameter of Funnel 5" in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1185 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·40				
FEB.	2·24				
MAR.	1·50				
APRIL	·43				
MAY	3·17				
JUNE	3·38				
JULY	4·62				
AUG.	2·03				
SEPT.	3·38				
OCT.	7·05				
NOV.	5·72				
DEC.	5·61				
TOTAL	44·53				

Signature John K. Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

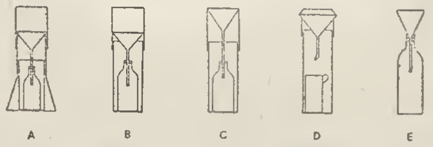
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELL FORM.
VALU MONTHLY

D INSTRUCTIONS.

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9 *a.m. Greenwich Mean Time is* 10 *a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005 *; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this* ·005 *mark or between this* ·005 *and the* ·01 *mark are to be entered as* ·01 *even though they may be nearer to the* ·005 *mark than the* ·01 *mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

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3114/2

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Rivelin, Oaking Clough No 2.

In the County of W. R. Yorks

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1185 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·71				
FEB.	3·32 ✓				
MAR.	3·19 ✓				
APRIL	2·92 ✓				
MAY	1·97 ✓				
JUNE	2·82 ✓				
JULY	7·80 ✓				
AUG.	3·23 ✓				
SEPT.	2·31 ✓				
OCT.	5·05				
NOV.	7·44				
DEC.	2·75				
TOTAL	50·84				

Signature John K Swales

✓

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer,
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

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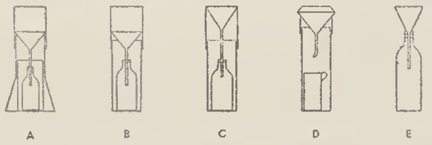

If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

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(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

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  (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17, 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3114/2 ✓

Form 1090.

B Monthly Summary.

The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 19~~3~~40

At Rivelin, Oaking Clough No 2.

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1185 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(3·86)				
FEB.	3·48 (~~3·62~~)				
MAR.	3·22				
APRIL	2·67				
MAY	1·31	✓			
JUNE	·43	✓			
JULY	3·12				
AUG.	1·11	✓			
SEPT.	3·26	✓			
OCT.	4·97				
NOV.	8·09				
DEC.	4·39				
TOTAL	40·21	✓			

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq M Inst CE, General Manager & Engineer
Sheffield Corpn Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

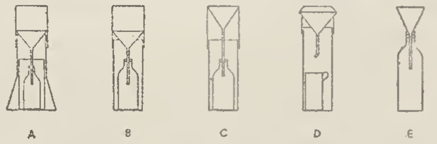
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B.**)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3115

Rivelin, Middle Moss

1931 — 40

780507

Middle Moss

3115

FORM 1090. **B**

*** The following register of mo
&c., is NOT required if dail
values are given on the othe

h and also the space for

register should be sent:—
Manager & Engineer
eld

RAINFALL IN 19

At Middle Moss— Riv

In the County of Yorkshir

Rain Gauge
Diameter of Funnel 5
Height of Top above Ground 1 ft
Height of Ground above Sea Level

in Summer 9 a.m.

Direction from
e 3 5/8 miles gauge S.W.

Direction from
e 3 1/4 miles gauge S. S.W.

e) In Moorland

gauge .. South.

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	6.02	✓			
FEB.	5.58	✓			
MAR.	·36	✓			
APRIL	5.26	✓			
MAY	3.16	✓			
JUNE	4.99	✓			
JULY	5.86	✓			
AUG.	7.70	✓			
SEPT.	5.50	✓			
OCT.	1.57	✓			
NOV.	5.66	✓			
DEC.	2.68	✓			
Total	54.34	✓ ✓			

Signature John N. Swales

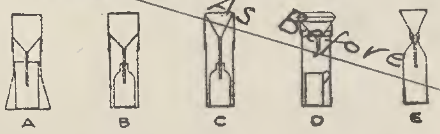
*See Instruction 2 (*f*) below.

If gauge has been moved during the year state—

Date of move Jan 1. 1931. Distance 800 yds Direction N.W.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



As Before

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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FORM 1090.

B

Middle Moss

3115

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

At Middle Moss – Rivelin

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1168 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.02	✓			
FEB.	5.58	✓			
MAR.	·36	✓			
APRIL	5.26	✓			
MAY	3.16	✓			
JUNE	4.99	✓			
JULY	5.86	✓			
AUG.	7.70	✓			
SEPT.	5.50	✓			
OCT.	1.57	✓			
NOV.	5.66	✓			
DEC.	2.68	✓			
Total	54.34	✓ ✓			

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K Swales: M:InstCE – General Manager & Engineer
Water Dept – Town Hall: Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Bamford. Distance 3 5/8 miles Direction from gauge S.W.

Nearest Parish Church at Hathersage Distance 3 1/4 miles Direction from gauge S. S.W.

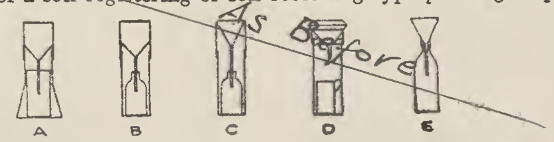
Nature of objects nearest to gauge	small brook (Trout Sike) In Moorland			
Heights of objects	–			
Distances ..	20 ft.			–
Directions from gauge ..	South.			

If gauge has been moved during the year state—

Date of move Jan 1. 1931. Distance 800 yds Direction N.W.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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Rivelin 3115

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1932

At Middle Moss - Rivelin

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel .... in.
- *Height of Top above Ground .... ft. .... in.*
- *Height of Ground above Sea Level .... ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·22				
FEB.	·79				
MAR.	3·07				
APRIL	5·08				
MAY	6·20				
JUNE	1·15				
JULY	5·01				
AUG.	2·56				
SEPT.	3·51				
OCT.	6·81				
NOV.	4·08				
DEC.	2·02				
Total	45·50 ✓				

✓

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall - Sheffield

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in British Rainfall, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Rivelin :-

3115

Form 1090. **B** Monthly Summary.

C Particulars of Station.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Middle Moss

In the County of Yorkshire

Rain Gauge

Diameter of Funnel .... in.

Height of Top above Ground .... *in.*

Height of Ground above Sea Level .... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3.29				
FEB.	6.69				
MAR.	3.25				
APRIL	1.46				
MAY	2.21				
JUNE	2.50				
JULY	3.17				
AUG.	.92				
SEPT.	1.87				
OCT.	6.41				
NOV.	2.96				
DEC.	.74				
Total	35.47				

Signature John K Swales

*See Instruction 2 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales. M. Inst. C.E. Manager & Engineer

Water Dept. Town Hall. Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
	A	B	C	D
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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D

Sheffield Gauges.

7
3115

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934

At Middle Moss, Rivelin

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·00				
FEB.	·66				
MAR.	3·96				
APRIL	3·36				
MAY	2·28				
JUNE	1·41				
JULY	2·78				
AUG.	2·08				
SEPT.	2·62				
OCT.	5·45				
NOV.	2·91				
DEC.	6·29				
Total	37·80				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales Esq. M. Inst C.E. Engineer & Manager
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge	As Before			
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-guage should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Rivelin

3115

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Middle Moss.

In the County of Yorkshire

Rain Gauge
Diameter of Funnel ....in.
Height of Top above Ground ......ft. ......in.
Height of Ground above Sea Level ......ft.

As Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.56				
FEB.	7.00				
MAR.	1.96				
APRIL	3.67				
MAY	.54				
JUNE	4.31				
JULY	1.43				
AUG.	2.16				
SEPT.	6.22				
OCT.	8.91				
NOV.	7.71				
DEC.	5.30				
TOTAL	51.77 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station, ~~No~~ 7

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J K Swales Esq M Inst CE Manager & Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.................. Distance.............. Direction from gauge..........

Nearest Parish Church at.................. Distance.............. Direction from gauge..........

As Before

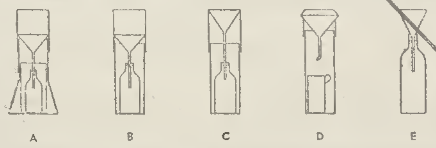
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state –

Date of move.................. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 } 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

RIVELIN VALLEY.
3115

FORM 1090.

B Monthly Summary.

*** **The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1936.

At Middle Moss,

In the County of Yorkshire.

Rain Gauge
Diameter of Funnel..........in.
Height of Top above Ground.......*ft*.........*in.*
Height of Ground above Sea Level..........*ft.*
As before.

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4.85				
FEB.	4.42				
MAR.	3.58				
APRIL	1.93				
MAY	2.12				
JUNE	3.97				
JULY	4.70				
AUG.	2.28				
SEPT.	4.97				
OCT.	5.39				
NOV.	5.24				
DEC.	4.72				
TOTAL	48.17 ✓	✓			

Signature John K Swales

*See Instruction 2 *(f)* below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

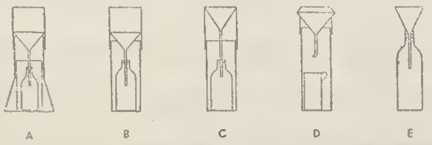
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state—

Date of move.......... Distance.......... Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address:—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

- (a) It is known that the gauge was empty at the beginning of the measured rainfall?
- (b) What note was made of the times of beginning and end of this fall?
- (c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\begin{matrix}17\\18\end{matrix}\left.\begin{matrix}\\\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

3115

FORM 1090.

B Monthly Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937.

At Rivelin (Middle Moss)

In the County of Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1168 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7.10				
FEB.	7.99				
MAR.	4.64	✓			
APRIL	2.69				
MAY	4.01				
JUNE	1.67				
JULY	4.24				
AUG.	1.74				
SEPT.	1.64				
OCT.	3.78				
NOV.	2.63				
DEC.	4.38	✓			
TOTAL	46·51				

Signature J. K. Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
J. K. Swales Esq. M. Inst. C.E.
General Manager and Engineer
Water Dept. Town Hall
Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

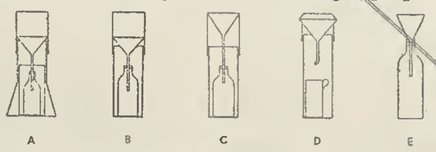
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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  (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3115

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Rivelin, Middle Moss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1168 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.70				
FEB.	2.47				
MAR.	1.65				
APRIL	·48				
MAY	3.17				
JUNE	3.37				
JULY	1.60				
AUG.	2.25				
SEPT.	3.33				
OCT.	7.64				
NOV.	5.67				
DEC.	5.59				
TOTAL	45·93				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

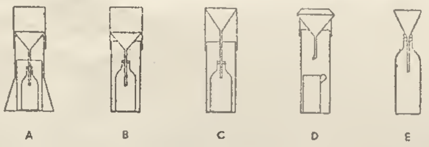
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

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4. The columns are so spaced that the entries can be made by a typewriter.

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3115

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Rivelin, Middle Moss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1168 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·64				
FEB.	3·30				
MAR.	3·19				
APRIL	3·00				
MAY	2·17				
JUNE	2·84				
JULY	7·95				
AUG.	3·08				
SEPT.	2·29				
OCT.	4·68				
NOV.	7·81				
DEC.	3·26				
TOTAL	51·21				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

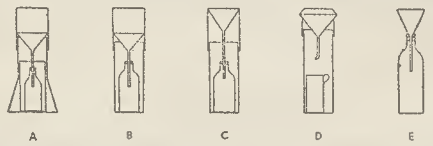
Nature of objects nearest to gauge				
Height of objects				
Distances ...	As before			
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

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9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

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(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

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Wt. 3079/2165 25,500 12/37 W. H. & S. 668/91 S.O. Code No. 40-9999

3115

FORM 1090.

B Monthly Summary.

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RAINFALL IN 1940

At Rivelin, Middle Moss

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1168 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·05)				
FEB.	(3·61)				
MAR.	3·21				
APRIL	2·93				
MAY	1·25				
JUNE	·79				
JULY	3·18				
AUG.	1·17				
SEPT.	3·11				
OCT.	4·93				
NOV.	7·97				
DEC.	4·38				
TOTAL	40·58				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

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Sheffield Corpn Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station.......... Distance.......... Direction from gauge..........

Nearest Parish Church at.......... Distance.......... Direction from gauge..........

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

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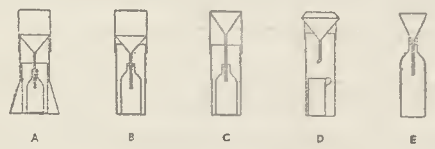

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Section **A** for the entry
AIR MINIST

FORM 1090.

REGIS

- Sheffield

COPY FOR OFFICIAL USE

L ORGANIZATION 3116

Kept at Rivelin - Sh

in the County of York

Diameter of Funnel of Gauge

Height of top of Gauge above Gro

,, Ground ,, Sea

THE MORNING MEAS

An observer who does not conform
year in the space on the right of

following

Jan. 1, following

3116

RIVELIN WATER WORKS
1931 — 40

78050

Date	Jan.	Feb.	March								Nov.	Dec.	Date
	in.	in.	in.								in.	in.	
1	·02	·01	·11	·02	–	–	–	–	·03	–	–	–	1
2	–	·06	–	·58	·05	·37	·01	–	·47	·01	·04	·10	2
3	–	–	–	·02	–	·04	·08	–	1·50	–	·73	·19	3
4	–	·11	–	·44	–	–	·26	·78	1·72	–	·15	·25	4
5	–	·05	–	–	·22	1·06	·01	·26	·05	–	–	·43	5
6	–	·25	·01	–	–	·17	·32	–	·05	·19	·09	–	6
7	–	–	·02	–	–	·39	–	1·36	–	·17	·35	·02	7
8	·03	·20	·01	–	·02	·02	·05	·83	–	·04	·26	·01	8
9	–	·47	·01	·20	–	·38	·03	·14	·03	·03	·47	–	9
10	–	·15	·08	–	·02	·03	–	·04	·11	–	·26	–	10
11	·11	·63	–	–	–	–	·02	–	·17	–	·04	–	11
12	·03	·31	–	–	–	–	1·01	–	·09	·04	·22	–	12
13	–	–	–	–	–	·03	·02	·15	–	–	–	–	13
14	–	·05	·03	–	–	·86	·67	1·24	–	–	·62	–	14
15	·10	·32	·01	·01	·01	–	·27	·06	·03	–	–	·09	15
16	·73	·19	–	·47	·11	·84	·03	·57	·18	–	–	–	16
17	·01	·27	–	·54	·16	·06	·27	·27	–	–	·04	–	17
18	·09	·01	–	·48	–	·33	·36	·07	–	·03	·70	–	18
19	·05	·11	–	·14	–	·10	·21	·20	·11	·04	–	–	19
20	–	·13	·01	·13	–	–	–	·65	–	–	·02	·04	20
21	·24	·05	–	–	·58	–	–	·06	–	–	·09	–	21
22	·03	·06	–	–	·10	–	–	–	–	–	·01	–	22
23	·67	·02	·01	·35	·40	·15	·12	–	–	–	·24	·01	23
24	·30	·09	–	·36	·54	–	·07	–	–	·07	·02	·11	24
25	·18	·32	–	·42	–	–	·27	–	–	–	·02	·05	25
26	·04	·07	–	·38	–	–	·09	–	–	–	·33	–	26
27	·42	·18	–	–	·05	–	·09	–	–	·18	·61	·35	27
28	·28	·42	–	·08	·45	–	–	–	·01	–	–	·12	28
29	·27		–	–	·26	–	·26	–	–	·29	·01	·01	29
30	–	×	–	·01	–	–	–	–	·01	–	–	–	30
31	·20	×	–	×	–	×	–	–	×	–	×	·04	31
TOTAL	3·80	4·53	·30	4·63	2·97	4·83	4·52	6·68	4·56	1·09	5·32	1·82	YEAR'S TOTAL 45·05
*Days with ·01 in. or more.	19	25	10	17	14	15	22	15	15	11	22	15	200
*Days with ·04 in. or more.	14	22	2	13	11	12	16	15	10	8	17	11	151

40-9999

*See Instruction 2 (*f*) on other side.

(Signed) [P.T.O.

Section **A** for the entry [redacted] Sheffield
AIR MINIST[redacted] COPY FOR OFFICIAL USE.
L ORGANIZATION. 3116

FORM 1090.

REGISTER OF RAINFALL IN 193/ .

Kept at Rivelin - Sheffield
in the County of Yorkshire
~~Diameter of Funnel of Gauge~~ .... in.
~~Height of top of Gauge above Ground~~ .... ft. .... in. As Before
,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	.02	.01	.11	.02	-	-	-	-	.03	-	-	-	1
2	-	.06	-	.58	.05	.37	.01	-	.47	.01	.04	.10	2
3	-	-	-	.02	-	.04	.08	-	1.50	-	.73	.19	3
4	-	.11	-	.44	-	-	.26	.78	1.72	-	.15	.25	4
5	-	.05	-	-	.22	1.06	.01	.26	.05	-	-	.43	5
6	-	.25	.01	-	-	.17	.32	-	.05	.19	.09	-	6
7	-	-	.02	-	-	.39	-	1.36	-	.17	.35	.02	7
8	.03	.20	.01	-	.02	.02	.05	.83	-	.04	.26	.01	8
9	-	.47	.01	.20	-	.38	.03	.14	.03	.03	.47	-	9
10	-	.15	.08	-	.02	.03	-	.04	.11	-	.26	-	10
11	.11	.63	-	-	-	-	.02	-	.17	-	.04	-	11
12	.03	.31	-	-	-	-	1.01	-	.09	.04	.22	-	12
13	-	-	-	-	-	.03	.02	.15	-	-	-	-	13
14	-	.05	.03	-	-	.86	.67	1.24	-	-	.62	-	14
15	.10	.32	.01	.01	.01	-	.27	.06	.03	-	-	.09	15
16	.73	.19	-	.47	.11	.84	.03	.57	.18	-	-	-	16
17	.01	.27	-	.54	.16	.06	.27	.27	-	-	.04	-	17
18	.09	.01	-	.48	-	.33	.36	.07	-	.03	.70	-	18
19	.05	.11	-	.14	-	.10	.21	.20	.11	.04	-	-	19
20	-	.13	.01	.13	-	-	-	.65	-	-	.02	.04	20
21	.24	.05	-	-	.58	-	-	.06	-	-	.09	-	21
22	.03	.06	-	-	.10	-	-	-	-	-	.01	-	22
23	.67	.02	.01	.35	.40	.15	.12	-	-	-	.24	.01	23
24	.30	.09	-	.36	.54	-	.07	-	-	.07	.02	.11	24
25	.18	.32	-	.42	-	-	.27	-	-	-	.02	.05	25
26	.04	.07	-	.38	-	-	.09	-	-	-	.33	-	26
27	.42	.18	-	-	.65	-	.09	-	-	.18	.61	.35	27
28	.28	.42	-	.08	.45	-	-	-	.01	-	-	.12	28
29	.27		-	-	.26	-	.26	-	-	.29	.01	.01	29
30	-	X	-	.01	-	-	-	-	.01	-	-	-	30
31	.20	X	-	X	-	X	-	-	X	-	X	.04	31
TOTAL	3.80	4.53	.30	4.63	2.97	4.83	4.52	6.68	4.56	1.09	5.32	1.82	YEAR'S TOTAL 45.05
*Days with ·01 in. or more.	19	25	10	17	14	15	22	15	15	11	22	15	200
*Days with ·04 in. or more.	14	22	2	13	11	12	16	15	10	8	17	11	151

40-9999

*See Instruction 2 (*f*) on other side.

(*Signed*) John [illegible]

[P.T.O.

COPY FOR OFFICIAL USE. Sheffield

Section **A** for the entry of Daily Observations. Station No. 3116

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1932.

Kept at Rivelin

in the County of Yorkshire

Diameter of Funnel of Gauge As Before in.
Height of top of Gauge above Ground ft. in.
,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	
1	·46	·02	-	·24	·43	·01	·17	·07	·23	·19	·04	·02	1
2	·21	-	-	-	·30	-	-	·01	·37	·26	·08	·16	2
3	·05	-	-	·42	·02	-	·23	-	·01	·03	-	·35	3
4	·02	-	-	·07	-	-	-	·01	-	-	·15	-	4
5	·36	·02	·15	·17	·03	-	-	·01	·03	-	-	-	5
6	·85	-	·08	·74	-	-	·13	-	·04	-	-	-	6
7	·08	-	·76	·36	-	-	-	-	·23	·18	·04	-	7
8	-	·01	-	·15	-	-	-	-	·13	·34	·01	·01	8
9	·16	·12	-	·15	·01	-	-	-	·01	-	-	·03	9
10	·35	·05	-	·14	-	-	-	-	·24	·26	-	·14	10
11	·16	·03	·03	·05	·28	·08	·59	-	·06	·05	·04	-	11
12	·21	-	-	-	·05	·20	·31	-	·01	·22	·05	-	12
13	·05	·14	-	·15	·04	-	1·86	·01	·13	·71	·08	·08	13
14	·17	-	-	·15	-	-	·77	·16	-	·03	·19	-	14
15	-	-	·01	·01	·21	-	-	-	-	·05	·01	·03	15
16	·31	-	-	·25	·01	-	-	-	-	·04	·01	-	16
17	-	-	-	-	-	-	·12	-	-	·42	·01	-	17
18	-	-	-	-	·02	-	-	-	·03	-	·01	-	18
19	-	-	·01	·14	-	-	-	·02	-	·23	-	-	19
20	-	-	-	·09	·45	-	·01	·93	-	·20	·03	-	20
21	-	-	·14	·13	2·29	-	-	·87	-	·52	·04	·10	21
22	-	-	·28	·10	·79	-	·09	-	·31	·07	·63	·01	22
23	-	·02	-	·13	·09	-	·03	-	·01	·20	·50	·06	23
24	·02	-	-	-	·01	-	·11	-	·07	·01	·25	·03	24
25	·01	·03	-	·02	·03	-	·02	-	·03	·47	·03	-	25
26	-	·02	-	·16	·35	-	·09	-	-	·22	·22	·01	26
27	-	-	·43	·18	·27	·08	·07	-	-	-	·22	-	27
28	-	-	·20	·23	·19	-	·22	·21	-	-	-	·03	28
29	·01	-	·29	·16	·26	·02	·07	·22	·23	·86	·13	·16	29
30	-	✕	·12	-	·17	·56	-	·02	·12	·09	·37	·15	30
31	-	✕	·08	✕	·02	✕	·26	-	✕	-	✕	·09	31
TOTAL	3·48	·46	2·58	4·39	6·32	·95	5·15	2·54	2·29	5·65	3·14	1·46	YEAR'S TOTAL 38·41
*Days with ·01 in. or more.	17·	10·	13·	24	23·	6·	18	12·	19·	23·	23·	17·	205
*Days with ·04 in. or more.	13·	3·	10·	22·	15·	4·	15·	6	12·	20	16·	9·	115

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*See Instruction 2 (*f*) on other side.

(*Signed*)

P.T.O.

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Sheffield

Section **A** for the entry of Daily Observations.

Station No.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1933.

3116

Kept at Rivelin

in the County of Yorkshire

Diameter of Funnel of Gauge as Before in.

Height of top of Gauge above Ground in.

,, Ground ,, Sea Level ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.23	.36	.10	–	–	.01	–	–	–	.01	.14	–		1
2	.29	–	.42	–	–	–	–	–	–	–	.09	–		2
3	.02	.23	.15	–	.32	–	–	–	–	–	.10	–		3
4	.13	.03	.09	–	.14	–	–	–	–	–	–	–		4
5	.20	.12	.20	–	.13	–	–	–	–	–	–	–		5
6	.02	.16	.04	–	.89	–	–	–	–	–	–	.08		6
7	.05	.05	.03	–	.11	–	.27	–	–	.76	–	.05		7
8	.14	.09	.07	–	–	–	.65	–	–	–	–	.04		8
9	–	.26	–	.03	–	–	.42	–	–	.71	.06	–		9
10	.02	.20	–	–	–	.06	.01	–	–	2.07	.04	–		10
11	–	–	–	–	.01	–	.05	–	–	.35	–	–		11
12	–	–	–	–	–	.04	.08	–	–	.01	–	.09		12
13	–	–	.02	–	.41	.02	.16	–	.05	.02	.07	–		13
14	.10	–	–	–	.16	–	–	.02	–	.01	.53	–		14
15	.88	–	.02	–	–	–	.01	.08	–	.34	.94	.17		15
16	.32	–	.37	.19	.04	.11	.39	.02	–	.29	.04	–		16
17	.06	–	.82	–	–	.38	–	–	.07	–	.15	–		17
18	.01	.04	.15	–	–	.59	–	–	–	–	.08	–		18
19	–	–	.62	.02	–	.01	–	–	.20	–	.02	–		19
20	–	–	–	–	.01	–	–	.10	–	–	.01	–		20
21	–	–	–	–	.10	.13	–	.11	.11	.04	.01	–		21
22	–	–	–	–	–	.01	–	.17	–	.37	–	–		22
23	–	.02	–	.15	–	–	–	–	.23	.03	–	–		23
24	–	.75	–	.19	.06	.34	–	–	.64	.02	.01	.03		24
25	–	1.85	–	.18	–	.01	–	–	.13	–	.01	.04		25
26	–	1.30	–	.17	–	–	–	–	.03	.23	.09	.01		26
27	–	.03	–	.02	.07	–	–	–	.06	.12	–	–		27
28	–	–	–	.05	–	–	.05	–	.01	.10	–	–		28
29	–		–	.16	–	–	.02	–	–	.05	–	.02		29
30	.06	×	.08	–	–	–	.09	–	–	.12	–	.17		30
31	.13	×	.02	×	–	×	.22	–	×	.12	×	–		31
TOTAL	2.66	5.49	3.20	1.16	2.45	1.71	2.42	.50	1.53	5.77	2.39	.70	Year's Total 29.98	
*Days with .01 in. or more.	16	15	16	10	13	12	13	6	10	20	17	10	158	
*Days with .04 in. or more.	12	12	12	7	11	7	10	4	8	14	12	7	116	

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*See Instruction 2 (*f*) on other side.

† Spare column, no entries required.

(*Signed*)

[P.T.O.

Sheffield Gauges

COPY FOR OFFICIAL USE.

Section **A** for the entry of Daily Observations. Station No. 7.

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1934. 3116

Kept at Rivelin

in the County of Yorkshire.

Diameter of Funnel of Gauge .... in. as Before

Height of top of Gauge above Ground .... ft. .... in.

,, Ground ,, Sea Level .... ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	†	Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.		
1	·08	-	-	-	-	-	-	·16	-	·05	-	·31		1
2	-	-	·11	-	·01	-	-	·19	·25	-	·15	·22		2
3	·03	·04	-	-	-	-	-	-	-	·21	-	-		3
4	·04	-	·47	·25	·01	-	-	-	·05	·84	-	1·14		4
5	-	-	·18	·02	·15	-	-	·48	-	·14	·13	·06		5
6	-	-	·15	-	·47	-	-	·17	-	·25	-	·62		6
7	·11	·01	·10	-	·02	-	-		-	·10	·03	·26		7
8	-	-	·01	-	·10	·48	-	·03	-	·08	·48	·04		8
9	-	-	·32	·07	-	-	-	·05	-	-	·98	·23		9
10	-	-	·34	·35	-	-	-	·06	-	·12	·08	-		10
11	·72	-	·24	·61	-	-	-	·01	-	-	·01	·40		11
12	·01	-	·17	·04	-	-	·61	·05	-	-	-	·09		12
13	·73	-	·02	·05	·04	-	·23	·02	-	·11	-	·01		13
14	·29	-	·49	-	·07	·09	-	-	-	·51	·19	·48		14
15	·44	-	·25	-	·40	-	-	-	·13	·06	·12	·06		15
16	·45	-	·19	-	·25	-	-	-	-	·01	·07	·10		16
17	·41	-	·14	-	·13	-	·14	-	·29	·03	·02	·15		17
18	·21	-	·40	·13	·04	·02	-	-	-	-	-	·07		18
19	-	-	·28	·05	·07	·16	-	-	·07	·02	-	·01		19
20	-	-	·03	·02	·10	-	-	·01	·03	-	-	-		20
21	-	-	-	-	·05	·36	-	-	·07	·06	-	-		21
22	-	-	-	-	-	-	-	·08	·42	·10	-	-		22
23	-	-	·08	·36	-	-	·48	-	-	·03	·12	·17		23
24	-	·08	·10	·11	-	·15	-	-	·09	·04	-	·03		24
25	·11	-	-	·06	·09	-	·24	-	·11	·23	-	·64		25
26	·37	-	·01	·27	-	-	·13	-	·17	·01	·05	·05		26
27	-	·24	-	·44	-	·08	·19	-	·05	·31	-	·36		27
28	-	-	-	·14	-	·33	·15	·13	-	·26	-	·39		28
29	-		·02	-	-	-	-	·02	·40	·01	-	·12		29
30	·04	×	-	-	-	-	·21	-	·02	·18	-	·11		30
31	·01	×	-	×	-	×	-	·07	×	·04	×	·03		31
TOTAL	4·05	·37	4·10	2·97	2·00	1·67	2·38	1·53	2·15	3·80	2·43	6·15	Year's Total. 33·60	
* Days with .01 in. or more.	16	4	22	16	16	7	9	15	14	25	13	26	183	
* Days with .04 in. or more.	13	3	17	14	13	8	9	10	12	19	10	22	150	

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† Spare column, no entries required

* See Instruction 2 (f) on other side.

(*Signed*) .... [P.T.O.

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Section **A** for the entry of Daily Observations. Station No. 7

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1935.

3116

Kept at Rivelin

in the County of Yorkshire

Diameter of Funnel of Gauge as Before in.

Height of top of Gauge above Ground ft. in.

,, Ground ,, Sea Level ft.

Duration

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·20	·09	·31	·05	–	·01	·04	–	·16	·22	·14	·77		1
2	–	·14	·12	·01	–	·27	·01	·02	–	·57	·05	·34		2
3	·01	·31	·07	·06	–	·08	·15	–	–	·04	·25	·08		3
4	–	·01	·05	·02	–	·11	·05	–	·04	·85	–	–		4
5	–	·20	·10	·30	–	·31	·05	–	–	·03	·05	·04		5
6	·02	–	–	·12	–	·28	–	–	–	–	–	–		6
7	·04	–	–	·12	–	·31	–	–	–	·22	·35	·22		7
8	–	–	·04	·13	–	·24	–	·07	–	·02	·10	·41		8
9	–	–	–	·21	–	·25	–	–	–	·88	·19	·03		9
10	–	–	–	·37	–	·06	–	–	–	·34	·18	–		10
11	·71	·03	–	–	–	·05	–	·01	–	·02	·21	·14		11
12	–	·11	–	–	–	·11	–	–	·10	–	–	–		12
13	·04	·11	–	·11	·28	·03	–	–	·25	·08	·02	–		13
14	–	–	–	·01	·10	·02	–	–	·23	–	·74	·16		14
15	–	·99	–	·49	·07	·12	·05	–	·20	·01	·22	·38		15
16	–	·69	·20	·15	–	·27	·05	–	·74	·02	·75	–		16
17	–	·09	–	·29	–	·40	·02	–	·27	·03	·88	–		17
18	·05	–	–	·21	·03	·15	·26	·04	·29	·24	·12	–		18
19	·01	·01	–	·28	–	·19	·10	–	–	·24	·35	–		19
20	–	·20	–	·54	–	·15	·02	–	–	–	·69	–		20
21	–	·75	–	·05	–	–	–	–	·47	·05	·25	·15		21
22	–	·10	·06	–	–	–	–	–	·01	–	·09	–		22
23	–	–	·67	–	–	–	–	·93	·04	·32	·01	–		23
24	·57	·85	–	–	–	–	–	–	1·21	·02	–	·47		24
25	·22	·16	·02	–	–	·23	–	–	–	–	·02	·15		25
26	·01	·01	–	–	–	–	·03	·76	·24	·44	·28	·40		26
27	–	·25	–	–	·06	–	·15	–	·44	·58	·21	·52		27
28	·03	·01	–	–	–	–	–	–	·07	·09	·08	·20		28
29	·01		·04	–	–	–	–	–	·14	·42	·08	·26		29
30	·03	✕	–	–	–	–	–	·12	·11	·49	·78	·12		30
31	·05	✕	–	✕	–	✕	–	·02	✕	·62	✕	·27	Year's Total	31
TOTAL	2·00	5·11	1·68	3·52	·54	3·64	·98	1·97	5·01	6·84	7·09	5·11	4349	✓
* Days with .01 in. or more.	15.	20.	11.	19.	5.	21.	13.	8.	18.	25.	26.	19.	200	✓
* Days with .04 in. or more.	8.	15.	10.	16.	4	18.	9.	5.	17.	18.	23.	18	161	✓

40-9999.

† Spare column, no entries required

* See Instruction 2 (f) on other side.

(*Signed*) John N [illegible]

P.T.O.

SHEFFIELD

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Section **A** for the entry of Daily Observations. Station No. 7 3116

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION.

FORM 1090.

REGISTER OF RAINFALL IN 1936. D

Kept at Rivelin,

in the County of Yorkshire.

Diameter of Funnel of Gauge..........in. As before.

Height of top of Gauge above Ground..........ft..........in.

,, Ground ,, Sea Level..........ft.

THE MORNING MEASUREMENT IS CREDITED TO THE PREVIOUS DAY.

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following

Please read the Notes and Instructions Overleaf.

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	-	-	.14	.74	-	.04	.08	.29	.01	-	.07	.19		1
2	.02	.05	.10	.12	-	.96	.10	.06	-	-	.06	.10		2
3	.05	.02	.04	-	-	.15	-	.09	.29	-	-	.14		3
4	.06	.10	.08	.02	-	.10	-	.06	.09	.01	.43	.40		4
5	.14	.05	.26	-	.02	-	.01	.12	.11	.01	.01	.57		5
6	.03	-	-	-	.01	.02	.16	.23	.52	-	.32	-		6
7	.20	-	.05	-	-	-	.23	-	.77	.01	.12	.05		7
8	.23	-	.05	-	-	-	-	-	.04	.01	.32	.03		8
9	.35	.05	.15	-	.01	.02	.50	-	-	.11	.32	-		9
10	.08	-	-	.02	-	-	.33	-	.06	-	.15	-		10
11	-	-	.01	.05	-	.02	.11	.02	.10	-	.87	-		11
12	-	-	-	.23	.09	1.17	.48	-	.52	.01	.26	.04		12
13	-	-	-	.05	-	.18	.24	-	-	.09	.02	.81		13
14	-	-	-	.11	-	.12	.04	.01	.18	.02	.20	.43		14
15	.29	.04	.02	.09	.02	.02	.03	.04	.04	-	.47	.13		15
16	.15	.09	-	.06	-	-	.02	-	-	.06	.53	.02		16
17	.05	.73	-	-	.13	-	.15	-	-	.31	.09	.13		17
18	-	.04	-	.03	-	.06	.16	.04	-	.44	-	-		18
19	.83	.30	.01	.15	-	.18	.01	.51	-	.18	-	-		19
20	.26	.23	.04	-	-	-	.01	.01	.03	.02	-	.01		20
21	.03	-	.06	.13	-	.05	-	-		-	-	-		21
22	.09	.37	.14	-	.06	.15	.23	-	-	-	-	.01		22
23	-	-	.45	.08	.19	-	.63	-		.03	-	-		23
24	.30	.10	-	.05	.22	-	-	-	.19	.49	-	-		24
25	.13	-	.07	.09	-	-	.08	-	.44	.23	.03	-		25
26	.03	.12	.64	-	-	-	-	-	.03	.73	.01	-		26
27	.38	-	.04	-	-	-	-	-	.29	.63	-	-		27
28	.29	.75	.08	-	-	-	.23	-	.02	-	.03	.10		28
29	.16	.40	.41	-	.05	.50	-	-	-	.04	.03	.12		29
30	.11	✕	.01	-	.96	.01	.07	.01	-	.57	.16	.02		30
31	.01	✕	.04	✕	-	✕	.01	-	✕	-	✕	.21		31
													Year's Total	
TOTAL	4.27 ✓	3.44 ✓	2.89 ✓	2.02 ✓	1.76 ✓	3.75 ✓	3.91 ✓	1.49 ✓	3.73 ✓	4.00 ✓	4.50 ✓	3.51 ✓	39.27	✓
* Days with .01 in. or more.	24 ✓	16 ✓	22 ✓	16 ✓	11 ✓	17 ✓	23 ✓	13 ✓	18 ✓	20 ✓	21 ✓	19 ✓	220	✓
* Days with .04 in. or more.	19	15 ✓	18 ✓	13	7 ✓	12 ✓	17 ✓	9 ✓	14	12 ✓	15 ✓	14 ✓	165	✓

40-9999.

* See Instruction 2 (f) on other side.

† Spare column, no entries required.

(*Signed*) John K Swales [P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3116

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1937

Kept at Sheffield W.W. (Rivelin) (+A)

in the County of Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 564 ft.

TRAVELLING FORM.

VALUES FORWARDED MONTHLY

THE MORNING MEASUREMENT SHOULD BE ENTERED TO THE PREVIOUS DAY

An observer who does not conform to this rule should insert the reading made on January 1st of the following year in the space on the right of this paragraph.

Jan. 1, following ✓

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Date
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	.18	.12	.04	–	–	–	.03	–	.07	–	.05	.40		1
2	.21	.15	.05	.30	–	–	–	–	–	–	–	1.80		2
3	–	.04	.05	.07	.08	.04	–	–	–	–	–	.07		3
4	.29	.08	.09	.07	.05	–	–	–	–	–	–	.37		4
5	.87	–	.10	–	.04	–	–	–	–	–	–	–		5
6	.16	–	.11	.05	.10	–	.44	–	–	–	.10	.22		6
7	.08	.65	–	.30	.07	.17	–	–	.02	–	.06	–		7
8	–	.43	.01	.05	–	–	–	–	–	–	.16	.05		8
9	–	.50	–	.04	.39	–	.58	.08	–	–	–	.05		9
10	.02	.24	.10	–	.01	.06	–	–	–	–	.03	.35		10
11	–	–	1.27	–	1.03	–	–	–	–	–	–	.04		11
12	.20	.29	.11	–	.32	.09	–	.03	.21	–	–	.25		12
13	–	.03	–	–	.03	.27	–	.17	.12	–	–	.12		13
14	–	.04	.47	.04	–	–	–	.10	.09	–	–	.18		14
15	.29	.25	.01	.39	–	–	1.15	–	.06	–	–	–		15
16	.03	.61	.46	.29	.02	.03	–	.15	.27	–	–	.01		16
17	.30	.03	.34	.11	–	.01	–	–	.59	–	–	–		17
18	1.37	.15	.26	.02	–	–	.04	.04	.02	–	.67	–		18
19	.02	.42	.02	.02	–	.07	.10	.03	–	–	.41	–		19
20	.25	.40	.07	.20	.70	.02	–	–	–	–	–	–		20
21	.10	.07	.01	.02	–	–	.26	–	–	.02	–	.04		21
22	.02	–	.03	–	.06	–	.04	–	–	.25	.51	.01		22
23	.45	–	.02	–	.05	–	.16	–	–	1.14	.53	–		23
24	.42	.59	.17	–	.07	–	.04	–	–	.57	–	.01		24
25	.08	.59	.09	–	–	–	–	–	.02	.33	–	.02		25
26	–	.32	.06	–	.43	–	–	.01	–	–	–	.01		26
27	–	.37	.02	.24	–	–	–	–	–	.82	–	.03		27
28	.02	.30	.02	–	–	.09	–	–	–	.01	–	–		28
29	.05		.02	–	–	–	–	–	–	.05	.04	.04		29
30	.50	✕	–	–	–	.10	–	.17	–	.06	.19	.04		30
31	.46	✕	–	✕	–	✕	–		✕	.23	✕	.03		31
TOTAL	6.37	6.67	4.00	2.21	3.45	.95	2.84	.78	1.47	3.48	2.75	4.14	Year's Total 39.11	
* Days with .01 in. or more.	23	23	26	16	16	11	10	9	10	10	11	22	187	
* Days with .04 in. or more.	18	21	17	13	13	8	9	6	7	8	10	15	145	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) ....

[P.T.O.

COPY FOR OFFICIAL USE

Section **A** for the entry of Daily Observations

Station No. 3116

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1938

Kept at Sheffield W.W., Rivelin

in the County of W. R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 564 ft.

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·05	·10	-	-	·01	·77	·19	-	-	·05	·10	·37		1
2	·03	·05	-	·18	·08	·27	-	-	-	·29	·07	·08		2
3	·02	-	-	-	-	·02	·11	-	·16	1·46	·20	-		3
4	·06	-	-	·02	-	·04	·16	·03	-	·30	·25	·32		4
5	-	-	-	-	-	·03	·14	·05	·02	·50	-	·05		5
6	·10	-	-	-	-	·03	·39	·62	·02	·16	-	·03		6
7	·20	-	-	-	-	-	·25	·03	·43	·22	-	·07		7
8	·47	-	-	-	-	-	·37	-	-	·65	-	·09		8
9	·04	·31	-	-	-	·23	·04	·09	-	·01	-	·38		9
10	·02	·11	-	-	-	·05	·49	-	-	·04	·02	·08		10
11	·37	·04	-	-	-	-	·04	·01	-	·22	·06	·10		11
12	·13	-	-	-	·11	-	·02	·53	-	·80	·13	-		12
13	·10	·04	-	-	-	-	-	-	·03	·10	·16	·37		13
14	·44	·05	-	-	·02	-	·32	-	·20	-	·02	·01		14
15	·57	-	-	-	-	-	·30	·02	-	·06	-	·45		15
16	·16	-	·08	-	-	-	·30	·07	-	·08	·15	·35		16
17	-	·02	-	-	·27	-	·13	·03	·07	·11	-	·04		17
18	·05	-	-	-	·17	-	-	·05	·71	·16	·33	-		18
19	-	·02	-	-	-	·03	-	·19	-	-	-	·12		19
20	·04	-	-	-	-	-	-	-	·04	-	·43	·13		20
21	-	-	·02	-	-	-	-	·02	·02	-	·03	·17		21
22	-	-	-	·02	-	·20	-	-	-	-	·43	·13		22
23	-	-	-	-	·07	·04	-	-	·34	-	·77	·		23
24	·03	-	·14	-	·02	·02	·04	·09	·08	-	·13	·	60	24
25	·23	·14	·07	-	-	-	-	·05	-	·27	·75	·02		25
26	·05	·51	·04	-	-	·09	-	-	·22	·18	·10	·03		26
27	·12	·18	-	-	·11	·34	·19	·35	·04	-	·36	-		27
28	·41	·07	·02	-	·55	·24	·16	·29	·12	-	-	·03		28
29	·09		·26	·07	·97	·06	·09	-	-	·02	·16	·07		29
30	·16	✕	-	-	·11	·15	-	-	·55	-	·27	·03		30
31	·18	✕	-	✕	·42	✕	-	-	✕	·34	✕	·51		31
TOTAL	4·12	1·64	·63	·29	2·91	2·61	3·73	2·52	3·05	6·02	4·92	4·03	Year's Total 36·47	
* Days with .01 in. or more.	25	13	7	4	13	17	19	17	16	21	21	25	198	
* Days with .04 in. or more.	21	11	5	2	10	12	18	11	12	19	18	19	158	

* See Instruction 3 (f) on other side.

† Spare column, no entries required.

(Signed)

P.T.O.

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Section **A** for the entry of Daily Observations — Station No. 3116

AIR MINISTRY.—METEOROLOGICAL OFFICE.—BRITISH RAINFALL ORGANIZATION

FORM 1090

REGISTER OF RAINFALL IN 1939

Kept at Sheffield W.W., Rivelin

in the County of W.R. Yorks

Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 564 ft.

TRAVELLING FORM.
VALUE F MONTHLY

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Jan. 1, following

Please read the Notes and Instructions Overleaf

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		*Date*
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1	·02	-	·10	·09	-	-	·04	·18	·03	·05	-	·09		1
2	·11	-	-	·14	-	-	·08	·12	1·01	·03	·06	·03		2
3	·24	-	-	·30	-	-	-	·38	-	-	·27	·20		3
4	·14	-	·28	·60	-	-	·12	·21	-	·20	·09	·93		4
5	-	-	-	-	·21	-	·05	·14	-	·37	·32	·15		5
6	·56	-	·01	-	-	-	·57	-	-	·04	·30	·		6
7	·08	·15	·25	-	-	-	·05	-	-	·03	·28	·30		7
8	·19	·19	·38	-	-	-	·26	·02	-	·04	·25	·25		8
9	·10	·44	-	-	-	-	·02	·21	-	·47	-	·30		9
10	·75	-	·02	-	-	·01	-	·02	·12	·07	-	·		10
11	·10	·06	·14	-	·03	·22	-	·08	-	·03	-	·02		11
12	·32	·26	-	-	-	·10	-	-	-	-	-	·01		12
13	-	-	-	·08	·04	·11	·06	-	-	·07	·04	·		13
14	·68	-	·03	·16	·30	·12	·79	-	-	·28	·12	·02		14
15	·12	-	·02	·08	·30	·40	·20	-	·02	·03	·08	·		15
16	·03	-	·09	·01	·94	-	·66	-	-	-	·17	-		16
17	1·19	·12	·01	·38	·05	·01	·01	-	-	1·57	·03	-		17
18	·25	·09	·01	-	·	·16	·13	-	·02	·02	1·19	·		18
19	·24	·01	-	-	-	·20	·87	·02	·07	-	·	·02		19
20	·03	-	-	-	-	·20	·67	·81	·31	·	·	·		20
21	·13	·19	·44	·12	·10	·35	·05	-	·18	·	·	·		21
22	·24	·62	·19	-	·	-	·07	-	·08	·03	·36	·		22
23	·04	·06	·03	·28	-	·03	·06	-	-	·18	·32	·		23
24	·03	·01	·03	·05	-	·04	·02	-	-	-	-	·		24
25	·57	·13	·01	-	-	-	-	·37	-	-	1·13	·01		25
26	·06	·05	-	·04	-	-	-	-	-	·05	·40	·07		26
27	·04	·26	·54	-	-	·11	·07	-	-	·40	·28	·		27
28	·03	·21	·36	·11	-	·11	·21	·15	-	-	·34	·		28
29	-	×	·03	·14	-	-	1·23	-	-	·26	·21	·		29
30	-	×	-	-	-	·05	·01	-	-	-	·15	·		30
31	-	×	-	×	-	×	·30	·07	×	·11	×	·		31
TOTAL	6·29	2·85	2·97	2·58	1·97	2·22	6·60	2·78	1·84	4·63	6·39	2·40	Year's Total 43·52	
* Days with .01 in. or more.	26	16	20	15	8	16	25	14	9	21	21	14	205	
* Days with .04 in. or more.	21	14	10	14	7	13	21	11	6	15	20	8	160	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*)

P.T.O.

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Section **A** for the entry of Daily Observations

Station No. 3116

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Diameter of Funnel of Gauge 8 in.

Height of top of Gauge above Ground 1 ft. 6 in.

,, Ground ,, Sea Level 564 ft.

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	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	†	
1		·17		·02							·40	·02		1
2				·35			·05				·33	·13		2
3	·02	·42		·12			·04			·20	·06	·05		3
4		·10		·09			·01			·20	·32	·16		4
5					·06		·18			·28	·24	·58		5
6	·05	·28								·86	·06	·16		6
7	·03	·19		·30	·15			·03	·10					7
8	·01			·07				·02		·25	·01	·26		8
9			·14				·08	·04	·08	·12	1·12	·19		9
10							·74	·11	·02		·60	·65		10
11		·09	·02	·03			·36				1·12			11
12		·01	·27			·02	·07		·26		·97			12
13		·02	·57					·01	·30					13
14			·04	·33	·13		·08			·04	·04	·41		14
15			·11	·01	·03						·21			15
16	·09	·22	·11				·34		·38	·79	·55	·05		16
17			·44				·20		·13		·36			17
18	·09	·39	·15	1·06			·03	·02	·14	·05	·04	·12		18
19		·12	·31	·33			·40		·26	·10	·18			19
20		·02	·01	·35			·05	·24		·07	·15			20
21	·05		·15	·01		·38	·04	·02		·06	1·10			21
22			·04		·19	·10			·30	·05		·05		22
23		·14	·11	·03	·08	·08	·01		·07	·05	·09	·06		23
24	·15			·03	·01		·05		·01	·14		·05		24
25	·05					·05				·03				25
26	·75	·03			·03	·06	·19	·04		·02	·03			26
27	·96	·08		·04			·04		·04		·15			27
28	·78	·37		·01	·22			·03						28
29	·01		·22	·08	·05	·04				·01		·15		29
30	·15	×		·13						·31	·01	·20		30
31	·21	×	·14	×		×			×	1·00	×	·42		31
TOTAL	{3·40}	2·64	2·86	3·39	·95	·73	2·96	·56	2·09	4·63	8·14	3·71	Year's Total 36·06	
* Days with .01 in. or more.	15	16	16	19	10	7	19	10	13	20	23	18	186	
* Days with .04 in. or more.	11	12	14	12	7	6	16	4	11	17	20	17	147	

† Spare column, no entries required.

* See Instruction 3 (f) on other side.

(*Signed*) John N. Smalley

[P.T.O.

3116/5

SHEFFIELD BLACK CLOUGH
1931 — 40

780507

3116/5.

WR Jan 7

FORM 1090. **B**

*** The following register of m
&c., is NOT required if dai
values are given on the othe

n and also the space for
register should be sent:—

RAINFALL IN 19

SHEFFIELD W.W
At (Black Clough)
In the County of Yor

Rain Gauge
Diameter of Funnel
Height of Top above Ground 1
Height of Ground above Sea Leve

in Summer
ce Direction from gauge
ce Direction from gauge

Month.	Total Depth.	Greatest Fall in 24 hours.			
	Inches.	Inches.	Date.		
JAN.	6.09				
FEB.	6.26				
MAR.	·26				
APRIL	5.32				
MAY	3.18				
JUNE	4.87				
JULY	5.29				
AUG.	7.61				
SEPT.	5.67				
OCT.	1.80				
NOV.	5.73				
DEC.	2.71				
Total	54.79				

Directions from gauge ..

If gauge has been moved during the year state—

Date of move Distance 28 yds Direction N.N.W.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 28 yds N.N.W.

Signature Sheffield Corporation WW

Survey. Av. about 45 122%. Thrown OK on % map.

*See Instruction 2 (*f*) below.

O.S. map. No 37. H.9.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(325) Wt.26154/1775/2214 15,000 2/31. Gp. 119/110.

3116/5

mp 1930

WR York 7

FORM 1090. **B** Summary.

** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1931

SHEFFIELD W.W

At (Black Clough) No 9

In the County of York

Rain Gauge
Diameter of Funnel 5 in.
Height of Top above Ground 1 *ft.* 0 *in.*
Height of Ground above Sea Level 1175 *ft.*

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches.	Inches.	Date.	*	*
JAN.	6.09				
FEB.	6.26				
MAR.	.26				
APRIL	5.32				
MAY	3.18				
JUNE	4.87				
JULY	5.29				
AUG.	7.61				
SEPT.	5.67				
OCT.	1.80				
NOV.	5.73				
DEC.	2.71				
Total	54.79				

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

Hour of observation by the clock—in Winter .... in Summer ....

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

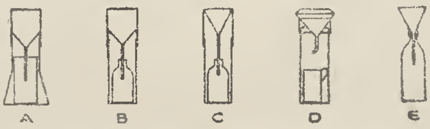
Nature of objects nearest to gauge	53 23 3			
Heights of objects	1 38 46			
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move .... Distance 28 yds Direction N.N.W.

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

Gauge moved 28 yds N.N.W.

Signature Sheffield Corporation WW

Survey. Av. about 45 122%. Thus OK on % map.

O.S. map. No 37. H.9.

*See Instruction 2 (*f*) below.

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not ·00). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02, or 0·3.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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0

FORM 1090.

B Monthly Summary.

***** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.**

RAINFALL IN 1932

At Black Clough

In the County of Yorkshire.

Rain Gauge

Diameter of Funnel........in.

Height of Top above Ground........*ft*........*in.*

Height of Ground above Sea Level........*ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	5·13				
FEB.	·72				
MAR.	3·07				
APRIL	4·99				
MAY	6·51				
JUNE	1·32				
JULY	5·06				
AUG.	2·52				
SEPT.	3·64				
OCT.	7·10				
NOV.	4·11				
DEC.	2·04				
Total	46·21				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Sheffield

3116/5

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J. K. Swales Esq. M. Inst. C.E. Engineer & Manager
Water Dept. Town Hall Sheffield

As Before

Hour of observation by the clock—in Winter........in Summer........

Nearest Railway Station........Distance........Direction from gauge........

Nearest Parish Church at........Distance........Direction from gauge........

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move........Distance........Direction........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0·0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as* 0·1 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace" The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(457) Wt.9673/738 16000 8/32. Gp. 119/110.

Sheffield

311|6|5

FOR 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1933

At Black Clough

In the County of Yorkshire

Rain Gauge
Diameter of Funnel As Before in.
Height of Top above Ground ft. in.
Height of Ground above Sea Level ft.

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date.	*	*
JAN.	3·42				
FEB.	6·78				
MAR.	3·33				
APRIL	1·50				
MAY	2·25				
JUNE	2·81				
JULY	3·07				
AUG.	1·04				
SEPT.	1·99				
OCT.	6·59				
NOV.	3·18				
DEC.	·74				
Total	36·70 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—
J. K. Swales M. Inst C.E. Manager & Engineer
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station Distance Direction from gauge

Nearest Parish Church at Distance Direction from gauge

Nature of objects nearest to gauge				
Heights of objects				
Distances ..				
Directions from gauge ..				

As Before

If gauge has been moved during the year state—

Date of move Distance Direction

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)
If the gauge is of a self-registering or self-recording type please give particulars.

If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) **When was the measurement made?**

D INSTRUCTIONS.

1. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh.

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(A) When there is less than ·05 mm. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as 0·1 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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(506) Wt.24107/1845 15000 3/33. Gp. 119/110.

Sheffield Gauges.

7 311b | 5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1934.

At Black Clough.

In the County of Yorkshire

Rain Gauge
- Diameter of Funnel ... in.
- *Height of Top above Ground* ... *in.*
- *Height of Ground above Sea Level* ... *ft.*

As Before

Month.	Total Depth.	Greatest Fall in 24 hours.		Number of Days with	
				·01 in or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	4·32				
FEB.	·65				
MAR.	4·54				
APRIL	3·61				
MAY	2·48				
JUNE	1·59				
JULY	2·96				
AUG.	2·63				
SEPT.	3·11				
OCT.	5·95				
NOV.	3·21				
DEC.	7·13				
Total	42·18 ✓				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

J.K. Swales Esq M.Inst.C.E. Engineer & Manager
Water Dept Town Hall Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station ... Distance ... Direction from gauge ...

Nearest Parish Church at ... Distance ... Direction from gauge ...

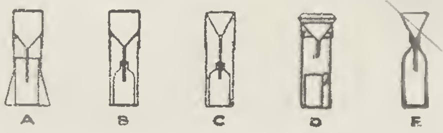
Nature of objects nearest to gauge	As Before			
Height of objects				
Distances ..				
Directions from gauge ..				

If gauge has been moved during the year state—

Date of move ... Distance ... Direction ...

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



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...

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

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(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

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(*c*) *On some measures there is graduation marked ·005; this graduation is to show the limit between the amounts which count as ·01 and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

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(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace". The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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(586) Wt.283/202 16,000 5/34. Gp.119/110.

Sheffield

Form 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1935

At Black Clough

In the County of Yorkshire

Rain-Gauge { Diameter of Funnel .... in.
Height of Top above Ground .... *in.*
Height of Ground above Sea Level .... *ft.*

as Before

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	2.59				
FEB.	7.40				
MAR.	2.04				
APRIL	3.84				
MAY	.53				
JUNE	4.53				
JULY	1.56				
AUG.	2.07				
SEPT.	6.67				
OCT.	9.14				
NOV.	7.48				
DEC.	5.40				
TOTAL	53.25				

Signature John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station, ~~No 7~~ · 3116/5

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E. Manager & Engineer
Water Dept. Town Hall Sheffield

Hour of observation by the clock—in Winter 9 a.m., in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

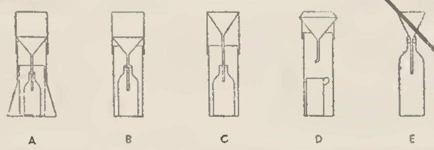
as Before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd. 9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.*

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005 ; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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Wt.3430/1699 15,000 2/35 W. H. & S. 668/91.

SHEFFIELD

3116/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1936.

At ...Black Clough.....................

In the County of ...Yorkshire.........

Rain Gauge
Diameter of Funnel.........................in.
Height of Top above Ground.........*ft*...........*in.* As before.
Height of Ground above Sea Level..................*ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5.03				
FEB.	4.58				
MAR.	3.77				
APRIL	1.88				
MAY	2.14				
JUNE	3.76				
JULY	4.58				
AUG.	2.34				
SEPT.	5.22				
OCT.	5.36				
NOV.	5.34				
DEC.	4.77				
TOTAL	48.77 ✓				

Signature ...John K Swales

*See Instruction 2 (*f*) below.

C Particulars of Station,

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales, Esq., M.Inst.C.E., General Manager & Engineer, Waterworks Office, Town Hall, Sheffield.

Hour of observation by the clock—in Winter.....9 a.m.....in Summer....9 a.m....

Nearest Railway Station.................................. Distance.................. Direction from gauge............

Nearest Parish Church at.................................. Distance.................. Direction from gauge............

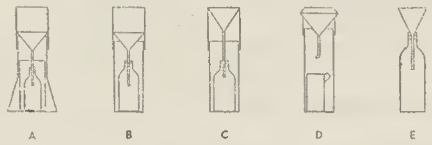
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...			As before.	

If gauge has been moved during the year state –

Date of move.. Distance.............. Direction..........

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

....

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) It is known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

D INSTRUCTIONS.

1. Rules for measuring the rainfull and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from The Director, Meteorological Office, Air Ministry, London, W.C.2, or from The Superintendent, Meteorological Office, 6, Drumsheugh Gardens, Edinburgh 3.

2. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning, preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash— (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than ·005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceeding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather, without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked* ·005; *this graduation is to show the limit between the amounts which count as* ·01 *and those which are mere "traces."* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17/18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with* ·01 *in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with* ·04 *in. or more" includes all the days with any rain except those for which the entries are trace,* ·01, ·02 *or* ·03.

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

3. The columns are so spaced that the entries can be made by a typewriter.

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3116/5

FORM 1090.

B Monthly Summary.

*** The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1937

At Sheffield W.W. (Black Clough)

In the County of Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1175 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·37				
FEB.	8·19				
MAR.	4·82				
APRIL	2·89				
MAY	3·93				
JUNE	1·59				
JULY	4·21				
AUG.	2·26				
SEPT.	1·64				
OCT.	3·71				
NOV.	2·64				
DEC.	4·34				
TOTAL	47·59				

Signature

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

J. K. Swales Esq. M. Inst. C.E.
Engineer and Manager, Water Dept
Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

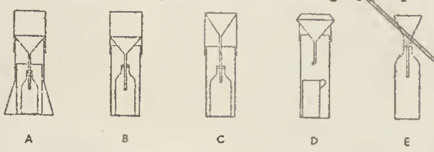
As before

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
- (A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.
- (B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) *On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(f) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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S.O. Code No. 40-9999

3116/5

FORM 1090.

B Monthly Summary.

, The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1938.

At Sheffield W.W. Blackclough

In the County of W. R. Yorks.

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1175 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	5·65				
FEB.	2·51				
MAR.	1·63				
APRIL	·49				
MAY	3·17				
JUNE	3·32				
JULY	4·73				
AUG.	2·18				
SEPT.	3·40				
OCT.	7·64				
NOV.	5·73				
DEC.	5·55				
TOTAL	46·00				

Signature John K Swales

* See Instruction 3 (*f*) below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—

John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

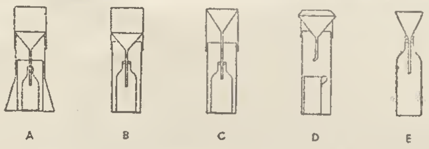
Nature of objects nearest to gauge				
Height of objects	As before			
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked **A** and **B**.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall,** please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(*a*) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*
9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(*b*) *The rain-gauge should be visited every morning without exception.* When there has been no precipitation the entry in the register should be a dash — (not 0.0). The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).
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(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(*c*) *On some measures there is graduation marked ·005 ; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction.* An entry ·005 is not to be made in the register.

(*d*) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus 17 18 } ·14 would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(*e*) *The total rainfall for the month is found by addition. The addition should always be done a second time as a check.* The check is of special importance when the total has already been found in another copy of the register.

(*f*) *The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.*

(*g*) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(*h*) The heaviest daily fall for each month should be underlined.

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3116/5

FORM 1090.

B Monthly Summary.

. The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1939.

At Sheffield W.W., Blackclough

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1175 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with ·01 in. or more	Number of Days with ·04 in. or more
	Inches	Inches	Date	*	*
JAN.	7·99 ✓				
FEB.	3·26 ✓				
MAR.	3·10 ✓				
APRIL	2·80 ✓				
MAY	2·22 ✓				
JUNE	2·84 ✓				
JULY	7·79				
AUG.	3·27 ✓				
SEPT.	2·16 ✓				
OCT.	4·59 ✓				
NOV.	4·23 ✓				
DEC.	2·95 ✓				
TOTAL	50·20				

Signature John K Swales

* See Instruction 3 *(f)* below.

C Particulars of Station.

Every observer is requested to fill in this section and also the space for notes as far as possible :—

Name and Address to which any inquiry relating to this register should be sent :—
John K. Swales Esq. M.Inst.C.E. General Manager & Engineer
Sheffield Corporation Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 a.m. in Summer 9 a.m.

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

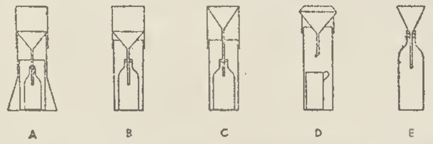
Nature of objects nearest to gauge	As before			
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address :—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied :—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY.

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type* :—

(a) Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.

9 a.m. Greenwich Mean Time is 10 a.m. by the clock during Summer Time Period.

(b) The rain-gauge should be visited every morning without exception. When there has been no precipitation the entry in the register should be a dash — (not 0.0) The entry "trace" or "tr" is to be made in the two following cases, (A) and (B).

(A) When there is less than .005 in. of water in the gauge and the observer knows that this is not the result of a drop or two draining from the sides of the can after emptying the rainwater out of it at a previous time of observation, i.e., the observer must be reasonably certain that there has actually been precipitation since the preceding measurement. If the observer knows that the precipitation has been in the form of dew or wet fog this may be noted.

(B) The observer knows definitely from his own observation that some rain (or other form of precipitation such as snow, hail, sleet or drizzle) has fallen since the preceding observation, and yet finds no water in the gauge. This happens sometimes especially in dry, warm weather without the gauge being even damp, the small amount of rain having evaporated before it got into the receiving can.

(c) On some measures there is graduation marked ·005; this graduation is put on for the purpose of assisting observers in reporting "trace" of rain. Readings below this mark are entered as "trace" if the conditions stated in paragraph (b) are satisfied. Readings on this ·005 mark or between this ·005 and the ·01 mark are to be entered as ·01 even though they may be nearer to the ·005 mark than the ·01 mark. In this particular case the general rule of reading to the nearest mark is superseded by this special instruction. An entry ·005 is not to be made in the register.

(d) If the morning observation has to be omitted for one day or more, the days covered by the next reading should be indicated by a bracket. Thus $\left.\begin{matrix}17\\18\end{matrix}\right\}\cdot 14$ would show that the reading on the morning of the 18th day of the month was missed and that the reading on the morning of the 19th was ·14 in.

(e) The total rainfall for the month is found by addition. The addition should always be done a second time as a check. The check is of special importance when the total has already been found in another copy of the register.

(f) The "number of days with ·01 in. or more" includes all the days with any rain except those for which the entry is "trace." The "number of days with ·04 in. or more" includes all the days with any rain except those for which the entries are trace, ·01, ·02 or ·03.

(g) If observations are not available for every day during the month the spaces for the number of days with rain should be left blank.

(h) The heaviest daily fall for each month should be underlined.

4. The columns are so spaced that the entries can be made by a typewriter.

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3116/5/

Form 1090.

B Monthly Summary.

C Particulars of Station.

* The following register of monthly totals, &c., is NOT required if daily or weekly values are given on the other side.

RAINFALL IN 1940

At Sheffield W.W., Black Clough

In the County of W. R. Yorks

Rain Gauge
- Diameter of Funnel 5 in.
- *Height of Top above Ground* 1 *ft.* 0 *in.*
- *Height of Ground above Sea Level* 1175 *ft.*

Month	Total Depth	Greatest Fall in 24 hours		Number of Days with	
				·01 in. or more	·04 in. or more
	Inches	Inches	Date	*	*
JAN.	(4·25)				
FEB.	(3·42)				
MAR.	3·18				
APRIL	2·75				
MAY	1·22				
JUNE	·79				
JULY	3·21				
AUG.	1·18				
SEPT.	3·20				
OCT.	4·63				
NOV.	8·15				
DEC.	4·39				
TOTAL	40·37				

Signature John K. Swales

* See Instruction 3 (*f*) below.

Every observer is requested to fill in this section and also the space for notes as far as possible:—

Name and Address to which any inquiry relating to this register should be sent:—

John K. Swales Esq. M. Inst. C.E. General Manager & Engineer
Sheffield Corpⁿ Waterworks, Town Hall, Sheffield

Hour of observation by the clock—in Winter 9 am in Summer 9 am

Nearest Railway Station .... Distance .... Direction from gauge ....

Nearest Parish Church at .... Distance .... Direction from gauge ....

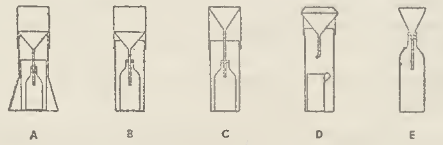
Nature of objects nearest to gauge				
Height of objects				
Distances ...				
Directions from gauge ...				

If gauge has been moved during the year state—

Date of move .... Distance .... Direction ....

Indicate pattern of gauge in use by deleting those sketches of cross sections of gauges which do not represent it. If the pattern is different from any of these please make a sketch of it. (Good gauges to use are those marked A and B.)

If the gauge is of a self-registering or self-recording type please give particulars.



If you know of any record of rainfall not quoted in **British Rainfall**, please give the observer's name and address:—

NOTES ON EXCEPTIONAL RAINFALL OF THE YEAR.

In giving particulars of falls of unusual intensity it is desirable that answers to the following questions be supplied:—

(a) Is it known that the gauge was empty at the beginning of the measured rainfall?
(b) What note was made of the times of beginning and end of this fall?
(c) When was the measurement made?

TRAVELLING FORM.
VALUES FORWARDED MONTHLY

D INSTRUCTIONS.

1. Section A should be completed in the case of gauges read daily. Information on Section B is required only if Section A cannot be filled in. Section C should also be completed. Rainfall registers should be forwarded to The Director, Meteorological Office, Air Ministry, London, W.C.2, or The Superintendent, Meteorological Office, 6 Drumsheugh Gardens, Edinburgh 3.

2. Rules for measuring the rainfall and for correctly recording the measurements are given in "Rules for Rainfall Observers," to be obtained gratis from the addresses given in 1 above.

3. In filling up the register on the reverse side the following rules should be observed. Those rules which apply *also* to the summary form above are printed in *italic type*:—

(a) *Rain should be measured each morning preferably at 9 a.m., Greenwich Mean Time. The measurement is to be credited to the previous day and should be entered in the register at the time of observation. Thus the entry for January 1st is the rainfall for the 24 hours following 9 a.m. on January 1st; it is therefore the amount measured on January 2nd.*

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